

162

FLOWER SEEDS

FI

SEEDS

Fred C.
Gloeckner
Company,
Incorporated
15 EAST 26th ST., NEW YORK 10, N.Y.

FLOWER SEEDS

FLOWER SEEDS

FLOWER SEEDS

FLOWER SEEDS

FLOW

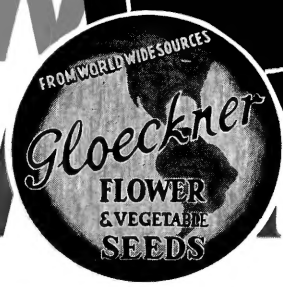
FLOW

FLOW

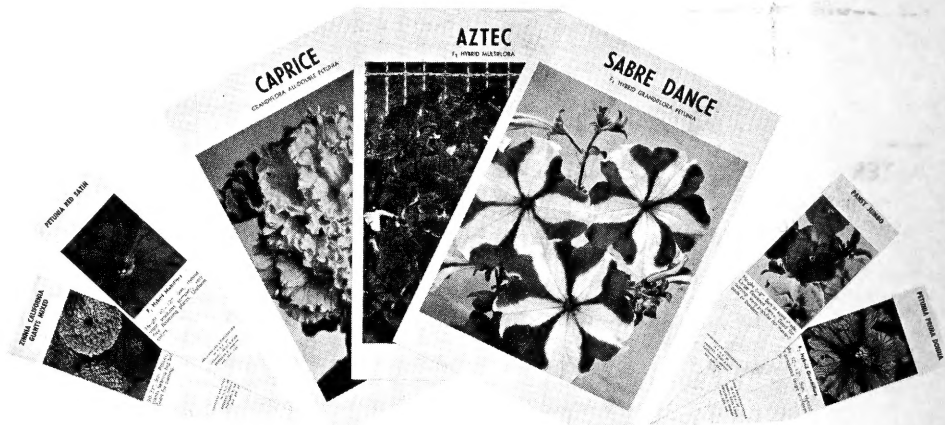
SEEDS

FLOWER SEEDS

Gloeckner
1961



SALES PROMOTION HELPS



JUMBO PICTURE CARDS—5½" x 8". On heavy coated stock. Available in the following:

Allegro	Rocket Snap	La Paloma	Toreador	Mercury
Caprice	Ballerina	Maestro	Lavender Lace	Neptune
Nocturne	Blue Lace	Maytime	Aztec	Paleface
Presto	Blue Magic	Prima Donna	Cherokee	Polaris
Lytic	Calypso	Improved	Comanche	Satellite
Rhapsody	Crusader	Sabre Dance	Comet	Sugar Plum
Glorious Mix	Fire Dance	Tango	Linda	Venus

PRICE OF THE ABOVE VARIETIES.....\$6.25 per 100

MINIMUM ORDER 50 CARDS

PLASTIC PLANT TAGS -These illustrated tags are made of a durable white vinyl plastic that is durable and weather proof. Each tag in addition to the picture gives a brief description of the growing habit of the plant. **WE CAN SUPPLY THESE IN THE FOLLOWING VARIETIES:**

Petunia—All Double Mixed.
 Petunia—Ballerina (Salmon Pink).
 Petunia—Blue Lace (Orchid Blue).
 Petunia—Blue Lustre (Deep Blue).
 Petunia—Blue Magic (Deep Violet).
 *Petunia—Calypso (Red and White).
 *Petunia—Cherry Tart (White and Cherry Red).
 Petunia—Comanche (Flame Red).
 *Petunia—Coral Satin (Coral Pink).
 Petunia—Crusader (Rose and White).
 Petunia—Dwarf Giants of California Mixed.
 Petunia—Fire Dance (Red).
 Petunia—La Paloma (White).
 Petunia—Maytime (Salmon Pink).
 *Petunia—Neptune (Light Violet Blue).
 Petunia—Paleface (White).
 Petunia—Satellite (White on Pink).
 Petunia—Pink Satin (Pink).
 Petunia—Prima Donna (Rose Pink).
 Petunia—Red Satin (Bright Red).
 Petunia—Single Mixed (Carnival).
 Petunia—Single Mixed (Nana Compacta).
 *Petunia—Sugar Plum (Orchid on Pink).
 Petunia—Tango (Red).
 *Petunia—Venus (Rose Pink).
 Petunia—White Magic (White).
 Ageratum—(Blue).
 Alyssum—Carpet of Snow (White).
 Alyssum—Royal Carpet (Violet).
 Aster—American Beauty Mixed.
 Aster—Crego W. R. Mixed.
 Aster—Giants of California Mixed.
 Calendula—Mixed.
 Calendula—(Orange).
 Calendula—(Yellow).
 Carnation—Mixed.
 Cineraria—Mixed.
 Dahlia—Upwin's Dwarf Mixed.

SCHEDULE OF PRICES FOR PLASTIC TAGS

10 boxes or less.....	@	\$1.95 per box	200 to 499 boxes.....	@	\$1.55 per box
11 to 49 boxes.....	@	1.75 per box	500 to 999 boxes.....	@	1.50 per box
50 to 199 boxes.....	@	1.65 per box	1000 boxes or more.....	@	1.45 per box

Tags are packed 100 of one variety to the box.

ALYSSUM—Rosie O'Day—**ALL-AMERICA SELECTIONS** Silver medal winner for 1961. Alyssum Rosie O'Day has a dwarf compact habit, flowers early and retains its rose pink color throughout the season.

Tr. Pkt.	$\frac{1}{4}$ oz.	Oz.
\$.85	\$2.50	\$7.50

ASTER—Pink Lady—(Florist Type)—Fully double blooms of a rich salmon pink make this new addition quite outstanding. Husky plants attaining a height of 3 feet with blooms up to 3-4" across.

Tr. Pkt.	$\frac{1}{4}$ oz.	Oz.
\$2.00	\$4.00	\$12.00

PETUNIAS—F1 HYBRIDS

Coral Satin—(Multiflora)—**ALL-AMERICA SELECTIONS** Compact plants. Flowers are a lovely coral rose color. Plants retain their low mound form with full centers to the end of the season.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

Polaris—(Multiflora)—Uniformly starred white on a base color of rich deep violet blue. Extremely free flowering.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$35.00	\$60.00

Calypso—(Grandiflora)—Nicely fringed true grandiflora size flowers produced on dwarf vigorous and compact plants. Color is a brilliant red with white variegation.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

Rose Lustre—Strong rose pink color with a light yellow throat. When in full bloom makes a brilliant display in the garden. Large Grandiflora.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$3.00	\$5.50	\$10.00	\$19.00	\$36.00	\$69.00	\$129.00

Salmon Lustre—Rich salmon pink flowers. This variety is a much desired addition for outstanding effect in the garden. Grandiflora.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$3.00	\$5.50	\$10.00	\$19.00	\$36.00	\$69.00	\$129.00

Lyric—(All Double)—Lively light salmon pink, similar to color of F1 grandiflora Maytime but fully double and well fringed. Nice dwarf compact habit.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.
\$4.50	\$8.50	\$16.00	\$29.50

ZINNIAS

Poly Pink—F1 Hybrid—The plants bear numerous medium sized clear pink flowers which are semi cactus in form.

Tr. Pkt.	$\frac{1}{4}$ oz.	Oz.
\$.85	\$5.00	\$15.00

State Fair Mixed—An improved tetraploid mixture consisting of many bright colors. Plants are vigorous and flowers are large.

Tr. Pkt.	$\frac{1}{4}$ oz.	Oz.
\$.40	\$.80	\$2.50

NEW

ITEMS

FOR

1

9

6

1

Snapdragon Flowering Program for the North

FOR WINTER AND EARLY SPRING

VARIETY	January 1-15/16-31	February 1-15/16-28	March 1-15/16-31	April 1-15/16-30	December 1-15/16-31
WHITE					
Albion.....	x	x	x	x	x
Citation.....	x	x	x	x	x
Ohio.....	x	x	x	x	x
Pan American White.....	x	x	x	x	x
White Knight.....	x	x	x	x	x
PINK					
Christina.....	x	x	x	x	x
Mary Ellen.....	x	x	x	x	x
Nashua.....	x	x	x	x	x
New York.....	x	x	x	x	x
Rebecca.....	x	x	x	x	x
Rosebud.....	x	x	x	x	x
Top Flight.....	x	x	x	x	x
Whirlaway.....	x	x	x	x	x
Wintergreen.....	x	x	x	x	x
Wisconsin.....	x	x	x	x	x
YELLOW					
Patricia.....	x	x	x	x	x
Swaps.....	x	x	x	x	x
Vermont.....	x	x	x	x	x
War Admiral.....	x	x	x	x	x
BRONZE					
Barbara.....	x	x	x	x	x
Cavalcade.....	x	x	x	x	x
Gallant Fox.....	x	x	x	x	x
PURPLE					
Maine.....	x	x	x	x	x

Timetable for Above

(Sowing Temperature 65° Minimum) (48°-50° Winter Minimum Temperature)

SOW

August 4
August 8
August 10
August 17
August 24
September 2
September 14
October 5
October 26
November 9

BENCH

August 25
August 29
August 31
September 7
September 14
September 28
October 12
November 2
November 23
December 7

FLOWER

December 1-15
December 16-31
January 1-15
January 16-31
February 1-15
February 16-28
March 1-15
March 16-31
April 1-15
April 16-30

Snapdragon Flowering Program for the North

FOR LATE WINTER AND SPRING

VARIETY	Feb. 15-28	March 1-15/16-31	April 1-15/16-30	May 1-15	Oct. 16-31	November 1-15/16-30
WHITE						
Twenty Grand.....	x	x	x	x	x	x
Apollo.....	x	x	x	x	x	x
Snowman.....	x	x	x	x	x	x
Margaret.....	x	x	x	x	x	x
Pan American Winter White.....	x	x	x	x	x	x
Spartan Winter White.....	x	x	x	x	x	x
PINK						
Hercules.....	x	x	x	x	x	x
Indiana.....	x	x	x	x	x	x
Jackpot.....	x	x	x	x	x	x
Libby.....	x	x	x	x	x	x
Maryland Pink Imp.....	x	x	x	x	x	x
Native Dancer.....	x	x	x	x	x	x
New Times.....	x	x	x	x	x	x
Pink Ice.....	x	x	x	x	x	x
Spartan Winter Rose.....	x	x	x	x	x	x
YELLOW						
Brokers Tip.....	x	x	x	x	x	x
Gold Mine.....	x	x	x	x	x	x
Gold Rush.....	x	x	x	x	x	x
Golden Spike.....	x	x	x	x	x	x
Spartan Winter Gold.....	x	x	x	x	x	x
RED						
Navajo.....	x	x	x	x	x	x
Priscilla Ann.....	x	x	x	x	x	x
LAVENDER						
Lavender Lady.....	x	x	x	x	x	x
Windmillers Lilac.....	x	x	x	x	x	x

Timetable for Above

(Sewing Temperature 65° Minimum) (48°-50° Winter Minimum Temperature)

SOW

July 18
July 25
August 1
August 24
September 2
September 21
October 12
November 2
December 14

BENCH

August 8
August 15
August 22
September 24
September 28
October 19
November 9
November 30
January 11

FLOWER

October 16-31
November 1-15
November 16-30
February 16-28
March 1-15
March 16-31
April 1-15
April 16-30
May 1-15

Southern growers can revise these schedules as follows:

For Mid-Winter flowering (December thru March) use varieties suggested for flowering in the North from (mid-February thru April 1) and (mid-October to December 1st).

For flowering late spring through early fall (April thru mid-October) use varieties suggested for flowering in the North (mid-May to September 1st).

Snapdragon Flowering Program for the North

FOR LATE SPRING AND FALL

VARIETY		Apr. 16-30	May 1-15/16-31	June 1-15/16-30	Sept. 15-30	October 1-15/16-31	Nov. 1-15
WHITE	Delaware	x	x	x	x	x	x
	Potomac White.....	x	x	x	x	x	x
	Virginia.....	x	x	x	x	x	x
PINK	Kentucky	x	x	x	x	x	x
YELLOW	Colorado	x	x	x	x	x	x
	Potomac Yellow.....	x	x	x	x	x	x
	Nevada	x	x	x	x	x	x
BRONZE	Jubilee.....	x	x	x	x	x	x
	Kansas	x	x	x	x	x	x
RED	Tennessee	x	x	x	x	x	x

Timetable for Above

(Sowing Temperature 65° Minimum) (48°-50° Winter Minimum Temperature)

SOW

October 26
November 30
December 28
February 1
March 2
June 27
July 4
July 11
July 18

BENCH

November 23
December 28
January 25
February 28
March 28
July 18
July 25
August 1
August 8

FLOWER

April 16-30
May 1-15
May 16-31
June 1-15
June 16-30
September 16-30
October 1-15
October 16-31
November 1-15

FOR SUMMER

VARIETY		June 15-30	July 1-15/16-31	August 1-15/16-31	September 1-15/16-30
WHITE	No. 2 Crystal White	x	x	x	x
	June Bride.....	x	x	x	x
	Potomac White.....	x	x	x	x
	Rockwood Crystal White.....	x	x	x	x
	Spartan Summer White.....	x	x	x	x
	White Skies	x	x	x	x
PINK	Florida	x	x	x	x
	Gaytime	x	x	x	x
	P. A. Summer Pink.....	x	x	x	x
	Potomac Pink.....	x	x	x	x
	Summer Jewel	x	x	x	x
YELLOW	Dark Star	x	x	x	x
	P. A. Summer Yellow.....	x	x	x	x
	Potomac Yellow.....	x	x	x	x
LAVENDER	Arizona	x	x	x	x

Timetable for Summer Flowering

(Sowing Temperature 65° Minimum) (48°-50° Winter Minimum Temperature)

SOW

February 17
April 4
April 25
May 9
May 23
June 13
June 20

BENCH

March 14
April 25
May 16
May 30
June 13
July 4
July 11

FLOWER

June 16-30
July 1-15
July 16-31
August 1-15
August 16-31
September 1-15
September 16-30

SNAPDRAGON—Greenhouse Strains**YODER HYBRID IMPROVED SELECTIONS****ARIZONA**

Summer flowering lavender hybrid. Color resembles the spring variety Lavender Lady. Vigor is high. Spikes are long and gracefully tapered.

COLORADO

Large flowered yellow hybrid. For **late Spring and Fall**. Very uniform and vigorous. Color of Broker's Tip.

DELAWARE

Ivory white hybrid. Retains and improves for **spring and fall flowering** the valuable traits of Citation. Floret is large, stems heavy with very long spikes.

FLORIDA

Vigorous light pink **summer hybrid**. Displays superb color retention under high temperature and is highly shatterproof. Spikes are long with compact florets.

INDIANA

Light rose pink **late winter and spring hybrid**. Equally valuable for early fall. Large floret. Spikes are long and tapered.

KANSAS

Brilliant golden bronze hybrid for **late Spring and Fall**. A vigorous variety with strong stem and long spikes.

KENTUCKY

Glorious apple blossom pink. **Late spring and fall hybrid**. A vigorous, clean stemmed hybrid with a minimum of shatter.

MAINE

Rich purple hybrid. For **winter and early spring**. The florets are very large and beautifully spaced on strong spikes.

NEVADA

Intense yellow hybrid. Develops a huge floret on vigorous long spikes. Valuable in **May-June and October-November** crops.

NEW YORK

Smooth light pink. For **winter and early spring**. Displays tremendous vigor and earliness. Spike is large and compact. Very clear pink with minimum of yellow in lower lip. Highly shatterproof.

OHIO

Pure paper white hybrid for **winter and early spring crops**. Florets are compactly spaced and shatterproof.

TENNESSEE

A real deep red hybrid. Best suited to **fall periods**. Quite shatterproof with good floret spacing on long uniform spikes.

VERMONT

Primrose yellow hybrid for **winter and early spring**. Spikes are long and graceful with abundant tip-bud. Stems are hard, clean and uniform.

VIRGINIA

A vigorous paper white hybrid. For **late spring and fall**. Long spikes, hard, clean stem with good large florets that are shatterproof.

WISCONSIN

Intense, dark pink **winter and early spring hybrid**. Spikes are long and tapering. Stems are medium and hard.

Price of the Above Per Pkt. \$3.50

THE ABOVE ALSO AVAILABLE IN ½ TR. PKTS. at \$2.00 each.

ANTIRRHINUM (Snapdragon)

GREENHOUSE STRAINS

SNAPDRAGON CULTURE

SOIL PREPARATION—A loose, porous soil containing about one-fourth peat moss by volume has been satisfactory in many ranges. Add four or five pounds of superphosphate per 100 square feet of bench area before planting. Thoroughly steam sterilize at least once a year, preferably after cutting off the summer flowering crop. Make sure the soil is uniformly moist and that a temperature of 180 deg. F. is maintained for at least one-half hour. Over-steaming will not harm the soil.

SEED GERMINATION—Snapdragon seeds should germinate in about seven days from the time they are sown. Maintain a constant temperature of 65 to 70 deg. F. and keep the medium uniformly moist especially the top one-half in the flat.

Use neutral peat which has been shredded and screened, or any other loose, porous mixture for your propagating medium. For surest results, the mixture should be steam sterilized in the flats before sowing the seeds. When the seeds have germinated, give them increasingly more sun and ventilation.

DIRECT BENCHING—Consistently good results have been obtained by direct benching from seedling flats. You can do this safely about three weeks from the sowing date. Direct benching saves time and labor and invariably results in more vigorous plants, since there is no hardening or check in growth as sometimes happens when seedlings have been banded or potted.

FERTILIZATION—Maintain a level of about 20 ppm nitrogen and potash (Spurway) during the early stages of growth. Gradually taper off nitrogen feedings when spikes appear. Liquid feedings of 15-30-15, 20-20-20, etc., one every two weeks, are adequate at the rate of one ounce in five gallons of water (one-half pound per 100 gallons).

Summer-flowering crops should be fed heavier than the above schedule to keep pace with the faster rate of growth.

PINK AND ROSE

	Tr. Pkt.		Tr. Pkt.
Anne Marie —Bright medium pink.....	\$3.50	New York —Clear light pink.....	\$3.50
• Christina —Light salmon pink.....	3.50	• P. A. Summer Pink (New) —	
• Florida —Light pink (Summer).....	3.50	Light rose pink.....	3.50
• Gay Time —Rose pink (Summer)....	3.50	• Pink Ice —Bright pink with lighter	
• Hercules —Light pink for spring....	3.50	lips.....	3.50
• Indiana —Light rose pink.....	3.50	• Potomac Pink —Medium pink	
• Jackpot —Medium deep rose.....	3.50	(Summer).....	3.50
• Kentucky —Appleblossom pink.....	3.50	• Rebecca —Light pink hybrid.....	3.50
• Libby —Dark rose pink.....	3.50	Rockwood's Summer Pink No. 1 ..	3.00
• Mary Ellen —Early light rose pink... 2.00		• Rosebud —Pastel pink.....	3.50
• Maryland Flamingo —Salmon rose..	3.50	• Spartan Winter Rose —Deep Rose..	3.50
• Maryland Pink Improved —Early		• Summer Jewel —Deep pink	
light pink.....	3.50	(Summer).....	3.50
• Nashua —Light rose.....	3.50	• Top Flight —Light rose pink.....	3.50
• Native Dancer —Light rose.....	3.50	• Whirlaway —Light pink.....	3.50
New Times —Bright rose.....	3.50	• Wintergreen —Light rose.....	3.50
		• Wisconsin —Intense, dark pink....	3.50

• Denotes hybrid varieties.

ANTIRRHINUM (Snapdragon)

GREENHOUSE STRAINS

WHITE

	Tr. Pkt.
•Albion—Paper white.....	\$3.50
•Apollo—Ivory white similar to Margaret.....	3.50
•Citation—Ivory white.....	3.50
•No. 2 Crystal White—Paper white (Summer).....	3.50
•Delaware—Ivory white.....	3.50
•Margaret—Ivory white.....	2.00
•Maryland White—Improved true paper white.....	3.50
•Ohio—Pure paper white.....	3.50
•P. A. Winter White (New)—Strong pure white. Best Feb. to April.....	3.50
•Potomac White—(Summer).....	3.50

	Tr. Pkt.
•Rockwood Hybrid White No. 5.....	\$3.50
•Snowman—Excellent pure white for winter and spring.....	3.50
•Spartan Winter White—Late winter pure white.....	3.50
•Spartan Summer White (New)—Pure white, early.....	3.50
•Twenty Grand—Medium early ivory white.....	3.50
Rockwood's Crystal White—(Summer)—Reselected.....	3.50
•Virginia—Paper white.....	3.50
•White Knight—Improved paper white.....	3.50
•White Skies—Pure white (Summer).....	3.50

YELLOW

	Tr. Pkt.
•Broker's Tip—Deep yellow.....	\$3.50
•Colorado—Yellow.....	3.50
•Dark Star—Clear yellow (Summer).....	3.50
•Gold Mine—Deep golden yellow.....	3.50
•Golden Spike—Rich deep golden yellow.....	3.50
•Nevada—Intense yellow.....	3.50
•P. A. Summer Yellow (New)—Tall vigorous bright yellow.....	3.50

	Tr. Pkt.
•Potomac Yellow—(Summer).....	\$3.50
•Patricia—Yellow.....	3.50
Rockwood's Summer Yellow—Fairly-deep yellow.....	3.00
•Spartan Winter Gold (New)—Vigorous mid yellow.....	3.50
•Swaps—Yellow.....	3.50
•Vermont—Pastel primrose yellow.....	3.50
•War Admiral—Yellow.....	3.50

LAVENDER

	Tr. Pkt.
•Arizona—Lavender (Summer).....	\$3.50
•Lavender Lady—Deep rosy-lavender.....	3.50

	Tr. Pkt.
•Maine—Rich purple.....	\$3.50
Windmill's Lilac—Excellent orchid color.....	2.00

BRONZE AND ORANGE

	Tr. Pkt.
•Barbara—Dark bronze.....	\$3.50
•Cavalcade—Lively golden bronze.....	3.50
•Gallant Fox—Deep orange bronze.....	3.50

	Tr. Pkt.
•Kansas—Golden bronze.....	\$3.50
•Martha—Golden bronze.....	3.50
•Maryland Orange.....	3.50

RED

	Tr. Pkt.
•Maryland Red.....	\$3.50
•Navajo—Good all-purpose red.....	3.50
•Priscilla Ann—Early hybrid crimson.....	3.50

	Tr. Pkt.
Rockwood's Summer Red.....	\$3.00
•Tennessee—Deep red.....	3.50

• Denotes hybrid varieties.

Yoder Bros. Varieties Now Available in ½ Tr. Pkts. Price.....\$2.00 Each

SNAPS IN WINTER AT 60°

Some interest has been shown by year round mum growers to produce a crop of late Winter Snaps which they could grow at 60° nights in the same house with mums.

Tests carried out by Yoder Bros. show the best results were obtained from the Spring-Fall group, and that the best of these, for this crop, are apparently Virginia (White), Kentucky (Light Pink), Colorado (Yellow), and Tennessee (Red).

The Potomac varieties, especially Yellow, were satisfactory, but flowered several weeks later.

THIS REPORT IS PRELIMINARY SINCE THIS PROCEDURE HAS NOT YET BEEN FULLY EXPLORED TO RECOMMEND THAT GROWERS GO ALL OUT ON THIS IDEA.

Listed below is a suggested time table in the event you would like to try this on an experimental basis:—

SOW

Sept. 7
Sept. 14
Sept. 28

BENCH

Sept. 28
Oct. 12
Oct. 26

FLOWER

Jan. 18-Feb. 8
Feb. 8-Feb. 22
Mar. 7-Mar. 28

ANTIRRHINUM—For Outdoors

ROCKET F1 HYBRID

The Rockets produce long stems 30"/36" long with large spikes. This strain is without a doubt the finest that has been developed for outdoors to date. Rockets made an ideal outdoor cut flower that will produce a Couple of Crops if well established plants are set out in early summer.

Available in the following colors:

Bronze	Red
Golden	Rose
Orchid	White
Mixed	

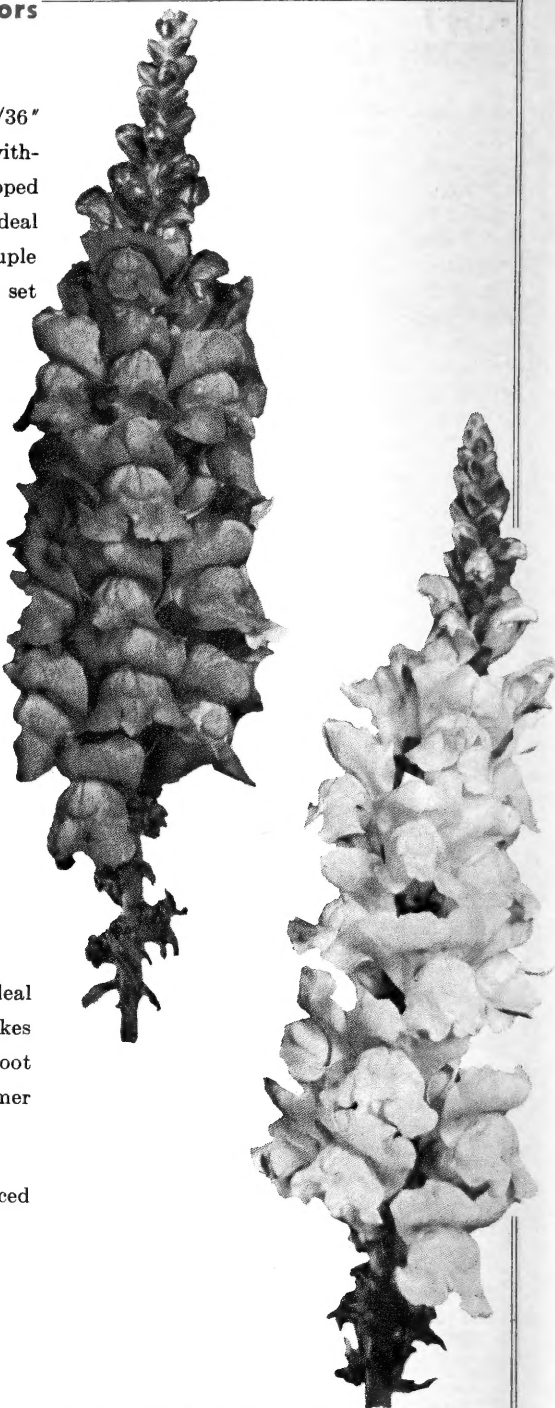
Tr. Pkt.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.
\$3.00	\$5.70	\$10.80
$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$20.00	\$39.00	\$74.00

F2 PANORAMA STRAIN

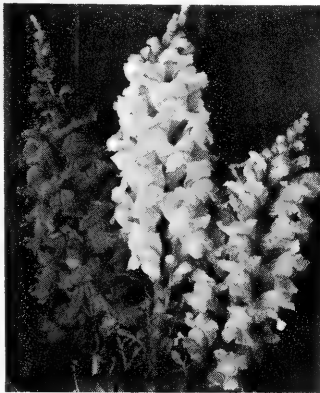
Plants are husky and eye appealing—Ideal for bedding and flat plant sales. Spikes 8-12 inches are borne on sturdy $2\frac{1}{2}$ to 3 foot stems. Especially bred to take hot summer conditions.

Mixed—A bright colored mixture produced from F1 hybrid parents.

Tr. Pkt.	$\frac{1}{4}$ oz.	Oz.
\$1.00	\$3.00	\$9.00



"ROCKET" SNAPDRAGON F1 HYBRID



ANTIRRHINUM—Continued

GIANT RUFFLED TETRAPOID

(Approx. 104,000 seeds per oz.)

One of the most satisfactory outdoor snaps. Almost never crippled with rust. Blooming size plants are tall with thick stems which keep the spikes erect and the tips straight. Flowers large, mostly ruffled.

Candlelight—Bright yellow

Crimson—Deep velvety crimson

Rose—Bright rose

Pink Shades—Pink to deep rose

Sunset—Bronze, pink, primrose

White—Pure white

PRICE OF THE ABOVE VARIETIES

Tr. Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	Oz.
\$.60	\$1.50	\$2.75	\$8.25

Superfine Mixture—(Tetra Snaps), erect and husky growth, medium tall with huge ruffled florets in many colors and bicolors, some veined.

Tr. Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	Oz.
\$.50	\$1.25	\$2.25	\$6.75

MAJUS-MAXIMUM GRANDIFLORUM

(Approx. 200,000 seeds per oz.)

Alaska—(Snowflake)—White

Brilliant Rose—Rose pink

Cherry Rose—A new bright color

Copper Queen—Bronzy copper blending to antique gold

Orange Shades—Deep to light orange

Padre—Deep crimson

Rosalie—Rich deep rose; underlying tone of topaz or amber

Yellow Giant—Deep yellow

Finest Mixed

PRICE OF THE ABOVE VARIETIES

Tr. Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	Oz.
\$.40	\$.70	\$1.25	\$3.75

DWARF GRANDIFLORUM

(Approx. 200,000 seeds per oz.)

Avalanche—Pure white

Flambeau—Scarlet

Golden Monarch—Golden yellow

Orange Glow Improved—Orange

Red Emperor—Rich deep scarlet

Royal Rose—Deep rose

Saint George—Orange cerise

Startler—Glowing cerise

Finest Mixed

PRICE OF THE ABOVE VARIETIES

Tr. Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	Oz.
\$.50	\$.85	\$1.50	\$5.50



AGATHEA

AGATHEA (Blue Daisy)

(Approx. 27,000 seeds per oz.)

	Tr. Pkt.	¼ oz.	Oz.
Coelestis—The lovely, free flowering blue Marguerite.....	\$.30	\$.90	\$2.70

AGERATUM

(Approx. 230,000 seeds per oz.)

One of the most desirable flowers for edging and borders. They are easy to grow and flower from early summer until frost in partially shaded as well as sunny locations.

	Tr. Pkt.	¼ oz.	Oz.
Blue Ball Improved—Dwarf and compact. Uniform rich blue color.....	\$.40	\$1.30	\$4.25
Blue Cap—Rich blue, very compact.....	.40	1.20	3.60
Blue Mink—(Tetra)—Giant blooms on husky plants.....	.60	3.00	9.00
Blue Perfection—Dark blue.....	.25	.50	1.65
Fairy Pink—Soft salmon pink, 12 inches.....	.60	1.85	6.50
Little Blue Star—6 inches high, fine for bedding.....	.25	1.00	3.50
Midget Blue—Very dwarf with delicate fine foliage; blue flowers..	.50	1.80	6.00

ALYSSUM

(Approx. 75,000 seeds per oz.)

All of the Alyssum are fragrant and are valuable for bedding and edging. Cut them back when they get ragged in mid summer and in several weeks they will again be covered with blooms.

	Tr. Pkt.	¼ oz.	Oz.	½ lb.
Bouquet—(Carpet of Snow)—Best dwarf variety.....	\$.20	\$.35	\$1.00	\$3.25
Little Gem—Dwarf and compact.....	.20	.35	1.00	3.25
Pink Heather—A.A.S.—Light pink which deepens in cool weather, 6 inches tall.....	.75	2.00	6.00	
Royal Carpet—(Procumbens)—Rich purple.....	.40	1.30	3.90	13.00
Violet King—Deep violet flowers. Very compact growth.....	.45	1.50	4.50	15.00
Violet Queen—Dwarf compact, rich deep shades of violet.....	.25	.60	1.80	6.00

Rosie O' Day—**ALL-AMERICA SELECTIONS**—(New)—'61 award winner, freely produced blossoms of deep rose pink completely blanket the plant which reaches a height of 3 to 4 inches and a spread of about 10 inches.

Tr. Pkt.	¼ oz.	Oz.
\$.85	\$2.50	\$7.50

AMARANTHUS

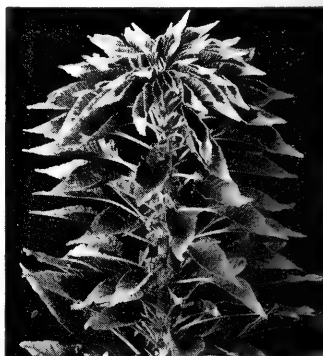
(Approx. 47,000 seeds per oz.)

	Tr. Pkt.	Oz.
Molten Fire—Leaves are iridescent crimson.....	\$.25	\$2.25
Tri-Color Splendens—(St. Joseph's Coat) Yellow, red and green foliage—3 ft.....	.25	1.80

ASPARAGUS

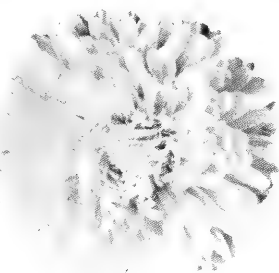
New Crop Seed in Mid-February

	1000 Seeds	5000 Seeds
Plumosus Nanus.....	\$2.50	\$10.00
Sprengeri.....	2.50	10.00



AMARANTHUS TRICOLOR

ASTERS (Approx. 12,000 seeds per oz.)



PINK LADY (New)

Rich glowing salmon pink. This distinct color is different from any color on the market at the present time.

Tr. Pkt.	¼ oz.	Oz.
\$2.00	\$4.00	\$12.00

FLORIST STRAIN (Wilt Resistant)

Bred especially for off-season crops under glass. Stems are long and strong, and the long-lasting flowers often measure 4 inches across. Seed is produced each year from specially selected line-bred planting stock.

Azure Ball—Fully double light blue.

Pink Ball—Fully double shell pink flowers. Bloom normally mid-August.

Phlox Ball—Double medium large flower of a soft peach blossom pink color.

Rose Ball—Fully double flowers, rich rose.

Dark Purple Ball—Deep purple.

White Ball—Pure white flowers. Blooms late August.

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.
\$1.75	\$3.00	\$9.60

QUEEN OF THE MARKET

These well-known early flowering Asters are of branching habit, about 20" tall, blooming mid-July.

Azure Blue	Flesh Pink
Crimson	Rose
Dark Blue or Purple	White
Light Blue or Lavender	Finest Mixed

AMERICAN BRANCHING

Plants 2 to 2½ feet tall, branching, robust, flowers large, double and fine form. Flowers late August and early September.

Azure Blue or Lavender	Sensation
Heart of France	Deep crimson
Scarlet crimson	Shell Pink—
Peerless Pink	(Mary Semple)
Purple	White—Extra select,
Rose	long stems
	Finest Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.	¼ lb.
\$.40	\$.65	\$2.00	\$7.00

EARLY ROYAL BRANCHING

Plants branching 2 to 2½ feet, blooming mid-August, directly following the Queen of the Market.

Azure Blue or	Shell Pink
Dark Lavender	White
Ball Deep Rose	Finest Mixed
Ball Purple	

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.	¼ lb.
\$.40	\$.65	\$2.00	\$7.00

EARLY BEAUTY

(Improved American Beauty)

Blooms August and continues until frost. The large and double flowers are produced on long heavy stems; plants 2 to 3 feet high.

Azure Fairy—	September Beauty
Dark lavender	—Shell pink
Deep Rose	White
Peach Blossom	Finest Mixed
Purple Robe	

PRICES OF ABOVE VARIETIES

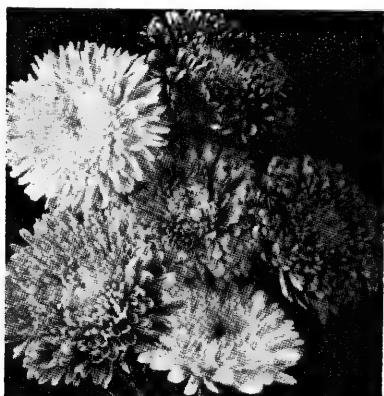
Tr. Pkt.	¼ oz.	Oz.	¼ lb.
\$.50	\$.90	\$3.00	\$10.00

KING (Non Resistant) — Attractively quilled petals. Blooms normally late August.

Lavender	Shell Pink
Rose	Violet
Salmon	White
Mixed	

Tr. Pkt.	¼ oz.	Oz.	¼ lb.
\$.50	\$1.00	\$3.00	\$10.00

ASTERS—Continued



GIANT PRINCESS

GIANT PRINCESS

Crested or cushion centered blooms. Excellent cut flower. Blooms from mid-August on.

Belle Blanche—White
Cissa—Bright crimson
Edeltraud—Cream
Eva—Dark blue
Gabriele—Peach blossom
Scarlet Pimpernell—Coppery scarlet
Sonja—Salmon pink with gold
Formula Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.
\$.45	\$1.30	\$3.90

SHAGGY TYPES

IMPROVED CREGO

Plants robust, branching about 2½ feet tall, flowers large, double and well formed, one of the finest varieties for all purposes. Blooming mid-August.

Azure Blue
Blue Flame—Rich blue
Crimson
Deep Rose
Peach Blossom
Shell Pink
Purple or Dark Blue
White
Finest Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.	¼ lb.
\$.40	\$.65	\$2.00	\$7.00

EARLY GIANT

California giant size blooms on 1½ foot tall plants. Flowers by the first week in September.

Azure Blue
Crimson
Light Blue
Peach Blossom
Rose Marie—Rich rose
White
Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.	¼ lb.
\$.50	\$1.25	\$3.75	\$12.50

DWARF QUEEN

Early-flowering, 10-inch tall plants. Dwarf base-branching plants with large flowers produced in abundance. For pot plants must be grown under additional light in the spring, the same as any Royal type used as a cut flower. Can be grown either one plant or three per five or six inch pot. Sufficient feeding and spacing is essential.

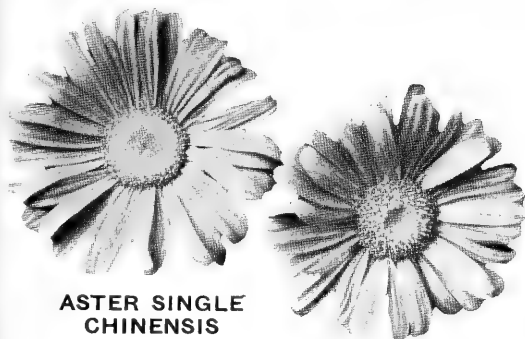
Carmine
Crimson—Crimson red
Deep Blue—Violet blue
Deep Scarlet—Bright deep scarlet

Light Blue—Lilac blue
Rose—Rose pink
White—Pure white
Mixed

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.
\$.45	\$1.30	\$3.90

ASTERS—Continued



**ASTER SINGLE
CHINENSIS**

SINGLE CHINENSIS (Wilt Resistant)

Plants $\frac{1}{2}$ to 2 feet tall, flowers daisylike, petals wide and closely placed, blooms in late August.

Branching Single Rainbow Mixed
Upright Single Rainbow Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt.	$\frac{1}{4}$ oz.	Oz.	$\frac{1}{4}$ lb.
\$.30	\$.45	\$1.50	\$5.00

BOUQUET TYPE (Wilt Resistant)

Long stems and large flowers. A good upright class of branching Aster developed for cut flowers.

	Tr. Pkt.	$\frac{1}{4}$ oz.	Oz.		Tr. Pkt.	$\frac{1}{4}$ oz.	Oz.
Azure.....	\$.50	\$1.50	\$4.50	Rose.....	\$.50	\$1.50	\$4.50
Crimson.....	.50	1.50	4.50	Scarlet.....	.50	1.50	4.50
Pink.....	.50	1.50	4.50	White.....	.50	1.50	4.50
Purple.....	.50	1.50	4.50	Powderpuffs—Mixed	.50	1.50	4.50

CONTINUOUS FLOWERING OF ASTERS

Sow Seeds	Pot Seedlings	Bench Plants	Flowering Date Approximate
Dec. 10	Jan. 10	March 1	May
Feb. 1	Feb. 20	April 1	June
March 15	April 10	May 15	July
April 20	May 10	June 15	August
May 20	June 10	July 15	September
June 10	July 1	Aug. 15	October
June 20	July 15	Aug. 20	November
July 10	Aug. 1	Sept. 1	December
July 15	Aug. 10	Sept. 15	January
August 15	Sept. 10	Nov. 1	February
Sept. 10	Oct. 1	Dec. 1	March
Oct. 20	Nov. 15	Jan. 1	April

Plants must be given additional light between September 1 and May 1 regardless if they are in seed flats or in the bench. If the plants are not lighted while in small pots, they develop a rosette of leaves and growth of the stem and flowers are delayed. Plants should be lighted until the first flowers show color.

Low wattage bulbs will suffice for additional light. On a four-foot bench, 60-watt lamps spaced 5 feet apart and about 24 inches above the plants will give ample light for this crop. Spacing is usually 8 x 8 inches in the bench and a 60° night temperature is essential.

ADDITIONAL LIGHTING SCHEDULE

- 3 hours during the months of September, October, March and April.
- 4 hours during the month of November and February.
- 5 hours during the months of December and January.



BEGONIA FIBROUS ROOTED

BEGONIA (Fibrous Rooted)

(Approx. 30,000 seeds per 1/32 oz.)

Production of Begonias from seed is simple. January sowing produces plants for spring bedding work. The fine seed is lightly pressed into a sterilized fibrous medium. The seed is kept moist, not covered, and germinates best at 60 to 70 degrees. An economical method has been to shift the seedlings to flats spaced 2 x 2 inches and grow them on until they become crowded. Then transfer to 3- or 4-inch pots.

Try monthly sowings from August to March for a constant supply to meet your customer's demand.

F1 HYBRIDS—Heterosis Varieties

SOLD IN PACKETS ONLY

As pot plants in 3, 4, or 5-inch pots they may be recommended to your customers for they do well in high temperatures and low light intensities of modern homes. F1 hybrids, vigorous in pots, are also excellent bedding subjects in part shade or in full sun. F1 seed produces a uniform crop.

	Pkt.		Pkt.
Chrisy —Luminous red, dwarf uniform vigorous plant.....	\$2.00	Rose Perfection —Large rose pink flowers. Dwarf growth.....	\$1.50
Lucifer —Scarlet flowers, dark red foliage.....	1.50	Rosy Red —Green foliage.....	1.50
Matador (New) —Scarlet blooms with contrasting bright green foliage.....	2.00	Sleeping Beauty —Bright carmine, free flowering, dark green foliage....	2.00
Organdy Mixed	1.50	Stuttgart —Carmine rose, dark red foliage.....	1.50
Pink Pearl —Rich pink.....	1.50	Tausendschoen —Lustrous rose pink.....	2.00
Pink Profusion —Rose flowers, green foliage.....	1.50	Tausendschoen Red —Dark deep red counterpart of Tausendschoen.....	2.00
Red Pearl —Scarlet red.....	1.50	Tausendschoen White —Pure white, dwarf compact plant.....	2.00
Red Perfection —Dwarf growth. Fiery crimson flowers.....	1.50		

BALSAM

(Approx. 3,300 seeds per oz.)

Double Bush Flowering—Scarlet—Rose, white and mixed

Tr. Pkt.	¼ oz.	Oz.
\$.40	\$.75	\$2.25

Double Camellia Flowered Mixed

Tr. Pkt.	¼ oz.	Oz.
\$.30	\$.50	\$1.50

Dwarf Tom Thumb Mixed (New)—More dwarf than the bush type, with more top flowering. Mixture includes purple and white.

Tr. Pkt.	¼ oz.	Oz.
\$1.00	\$1.80	\$5.50

BELLS OF IRELAND

(Molucella Laevis)

(Approx. 7,000 seeds per oz.)

The branching stems are covered with pale green sheaths.

Tr. Pkt.	¼ oz.	Oz.
\$.40	\$1.00	\$3.00

BROWALLIA

(Approx. 65,000 seeds per oz.)

Speciosa Major—Violet-blue flowers 1½ inches across, are carried on 10 to 12-inch stems.

Tr. Pkt.	⅓ oz.	½ oz.	¾ oz.
\$1.20	\$3.60	\$6.60	\$12.00

BEGONIAS (Fibrous Rooted) — Continued

DWARF CLASS

	Tr. Pkt.	$\frac{1}{32}$ oz.	$\frac{1}{64}$ oz.
Adeline —Rose pink, green foliage.....	\$1.50	\$3.25	\$6.00
Dwarf Carmen —Light pink with dark bronze foliage. Very compact.....	1.50	3.50	6.50
Flamingo —Bi-color white with pink edge.....	1.50	4.50	8.00
Helena —Carmine scarlet, foliage green, growth pyramidal..	1.50	4.50	8.00
Luminosa Compacta —Scarlet red, foliage green.....	1.50	3.50	6.00

INTERMEDIATE CLASS

	Tr. Pkt.	$\frac{1}{32}$ oz.	$\frac{1}{64}$ oz.
Indian Maid —Red flowers, deep bronze shiny foliage.....	\$1.25	\$2.75	\$5.00
King of the Reds —Red flowers, green foliage.....	1.25	2.75	5.00
Luminosa —Deep scarlet, red-brown foliage.....	1.25	3.50	6.00
Prima Donna —Flowers carmine, foliage tinged red.....	1.25	2.25	3.75
Saga —Bright scarlet.....	1.50		
Scandinavian Pink —Rose pink, dark green foliage.....	1.25	3.00	5.50
Scandinavian Red —Red, dark green foliage.....	1.25	3.00	5.50
Scandinavian White	1.25	3.00	5.50
White Pearl —White flowers, green foliage.....	1.25	2.50	4.50

TALL CLASS

	Tr. Pkt.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.
Christmas Cheer —Crimson scarlet flowers, foliage green..	\$1.00	\$2.20	\$3.75
Paris Market Red —Compact plants with green foliage. Flowers early. Large brilliant red flowers. About 10-12 inches tall.....	1.25	2.75	5.00
Paris Market Pink —Same as above but with large rose pink flowers.....	1.25	2.75	5.00
Paris Market White —Same habit as the red but with large pure white flowers.....	1.25	2.75	5.00
Paris Market Mixed —Formula blend of above three.....	1.25	2.75	5.00

TUBEROUS ROOTED BEGONIAS

Tuberous rooted begonias from seed are an inexpensive crop to produce. Sow in mid-January and shift about May 1 for early June sales. They are the answer for customers looking for a brilliantly flowered plant for the shade.

Mixed—Camellia flowered double type, plants $1\frac{1}{2}$ ft. tall. Tr. Pkt. \$3.00

Tasso—Tuberous rooted multiflora Begonia from seed. Flowers are a medium size and color a rich deep blood red. Outstanding as bedding plant. Tr. Pkt. \$3.00



BEGONIA TASSO

CALCEOLARIA

(Approx. 20,000 seeds per 1/32 oz.)

GLOECKNERS STRAIN MIXED (New)

Compact plants with medium sized flowers produced on large heads. This mixture has a full color range including red—yellow—bronze—rose—strawberry and mottled.

Seed for 1000 plants.....\$10.00

IMPROVED GERMAN STRAIN

Multiflora Nana Mixed—Dwarf growth with large compact

heads of medium sized flowers. This fine strain contains Tr. Pkt. 1/4 oz. 1/32 oz.
a good range of colors.....\$1.25 \$5.00 \$9.00

GILBERT'S STRAIN

This is an improvement over the original Multiflora Nana type. Compact habit of growth; good selection of colors in the mixture; excellent foliage.

Multiflora Nana Red.....\$2.50

Multiflora Nana Yellow.....2.50

Multiflora Nana Mixed.....2.50

Triumph Strain (Grandiflora)—

Large flowered strain, the best in

its class.....\$2.50

CULTURE

The soil used in germinating the seeds should be made up of two parts leaf mold, two parts well-rooted manure, two parts soil, and one part sand. Sterilize the soil and flat with steam to eradicate all disease.

Seed is fine and does not need a soil covering. A night temperature of 60° is recommended for germination. Shift to 2 1/2-inch bands, then to 4 or 5-inch pots for finishing. A 48° house is best after the shift. Spray weekly with parathion for aphid control, and shade from direct sun after February. Overwatering causes yellowing.

CALENDULA

(Approx. 4,500 seeds per oz.)

This long stemmed class will flower freely during the spring from a January sowing. For mid-winter sow Aug.-Sept.

Ball's Gold—Golden yellow

Ball Long Orange

Ball Orange

Lemon Queen—Lemon yellow, dk. brown eye

Masterpiece—Orange, dark center

PRICES OF ABOVE VARIETIES

Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
\$.50	\$1.00	\$3.00	\$9.00

CANDYTUFT

(Approx. 12,000 seeds per oz.)

DWARF COMPACT

"Fairy Mixed"—Plants 8-10" tall. Uniform in height and spread

Tr. Pkt.	Oz.	1/4 lb.
\$.40	\$1.00	\$3.00

GIANT HYACINTH FLOWERED

White—Improved florist strain.....\$.25

Tr. Pkt.	Oz.	1/4 lb.	Lb.
\$.25	\$.90	\$3.00	\$10.00

UMBELLATA TYPE

Crimson—Purplish red

Flesh—Flesh pink

Lavender or Lilac

Rose Cardinal—Deep red

Rose—Soft rose

White

Mixed

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	Oz.	1/4 lb.
\$.30	\$.90	\$3.00

CARNATION

(Enfant de nice) (Approx. 14,000 seeds per oz.)

One of the best annual Carnations. Plants are strong, robust growers bearing flowers 2 1/2 to 3 inches in diameter on good stiff stems. Do not expect over 75% to come true to color or better than 90% double flowers.

White
Salmon

Rose
Red

Spectrum Red
Yellow Mixed (Formula Blend)

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	1/4 oz.	1/4 oz.	Oz.
\$.50	\$1.75	\$3.00	\$9.00

CELOSIA

For spring plant sales, sow 6 weeks before planting out time. A 60° night temperature is best.



CRISTATA (Cockscomb Type)

(Approx. 29,000 seeds per oz.)

Tall varieties are grown for cut and are easily dried for winter bouquets. Dwarf kinds are recommended for summer pot plants and bedding.

	Tr. Pkt.	¼ oz.	Oz.
Dwarf Empress —Scarlet flower.			
Bronze foliage.....	.30	.80	\$2.50
Dwarf Golden Yellow (Aurea).....	.30	.80	2.50
Toreador —Red flower. Green foliage.....	.75	2.00	6.00

Yellow Toreador —Yellow companion to Toreador.....	.50	2.50	7.50
---	-----	------	------

CELOSIA DWARF CRISTATA

Gilberts Maple Gold—Combs vary in color from light to dark pink. . . . Orig. Pkts. \$.50

	Tr. Pkt.	¼ oz.	Oz.
Dwarf Cristata Mixed —Dwarf compact strain. About 8" tall..	\$.50	\$2.50	\$7.50

PLUMOSA (Plumed or Feathery Type)

(Approx. 43,000 seeds per oz.)

Dwarf varieties are good for bedding and as spring and summer pot plants. Taller strains are good late summer cut flowers.

DWARF VARIETIES

	Tr. Pkt.	¼ oz.	Oz.
Fiery Feather —Dwarf, red plumes freely produced in attractive pyramid.....	\$.40	\$1.30	\$4.25
Golden Feather —Dwarf same as Fiery Feather, but with golden yellow plumes.....	.40	1.30	4.25
Orange Feather —Dwarf brilliant orange flower deepens to red as flower ages.....	.75	2.00	6.00
Lilliput Choice Mixed —Dwarf uniform growth.....	.40	1.30	4.25

TALL VARIETIES

FOREST FIRE IMPROVED

	Tr. Pkt.	¼ oz.	Oz.
Earlier flowered and a little dwarfer than regular Forest Fire with large orange red plumes.....	\$.50	\$1.50	\$4.50

	Tr. Pkt.	¼ oz.	Oz.
Golden Plume —4 ft. golden yellow.....	\$.40	\$1.20	\$3.60
Scarlet Plume —4 ft. scarlet.....	.40	1.20	3.60
Thompsonni Magnifica Mixed (Pride of Castle Gould)—Blend of red-yellow, copper and gold.....	.35	.60	2.00



CENTAUREA

(Approx. 6,000 seeds per oz.)

CYANUS (Bachelor Button)

Listed below are the finest improved Florist strains of Centaurea Cyanus. The flowers are large, fully double and the colors intensified. The long stems of this strain make them excellent for cut flower purposes. May be used for greenhouse flowering in spring, or sown outdoors in fall for flowers in June and July.

Blue Boy—Excellent for forcing

Pinkie—Deep pink

Red Boy—Deep red

Snowman—Clear white

PRICES OF ABOVE VARIETIES

Tr. Pkt.	Oz.	1/4 lb.	Lb.
\$.20	\$.65	\$2.20	\$6.50

AMERICANA

Lilac—Thistle-like blooms of rosy-lavender color. Splendid for cutting. . . . \$.20 \$.75

DUSTY MILLERS

(Approx. 7,500 seeds per oz.)

White-Leaved Types for Border Work

Candidissima—(Lamb's Ear) Silvery grey foliage.

Tr. Pkt.	1/4 oz.	Oz.
\$.60	\$1.25	\$3.75

Gymnocarpa—(Fern Leaf) Fine Silvery foliage.

Tr. Pkt.	1/4 oz.	Oz.
\$.35	\$.60	\$1.80



**DUSTY MILLER
CANDIDISSIMA**

CHRYSANTHEMUMS (Annual)

(Approx. 10,000 seeds per oz.)

Another group which is finding favor with florists for cut flower material. Chrysanthemums last remarkably well as a cut flower, but for best results keep them in water 24 hours before marketing. Sow in mid-August to follow early Chrysanthemums. Responds very well to additional light.

Merry Mixture—Gay Tri-colors. . . . \$.40 \$2.25

CHERRY (Christmas)

(Approx. 12,000 seeds per oz.)

Masterpiece—Round orange fruits freely produced on uniform bushy plant.

Tr. Pkt.	1/4 oz.	Oz.
\$.30	\$1.50	\$4.50

CLARKIA (Elegans Double)

For spring flowering sow in early January and grow in shallow soil in flats or benches. Keep plants on the dry side as vigorous growth is not wanted.

	Tr. Pkt.	Oz.
Mixed.	\$.25	\$2.25

CINERARIA

Siter's Hybrids

Trade Mark®

They are a distinct improvement over the original Siter's Strain, and because they are Hybrids from original crosses, cannot be offered by anyone but the originator.

This is an entirely new group of Cineraria Hybrids, blended for a perfect combination of colors, ranging from bright-eyed types through the finer pastel shades.

These new types carry large flower heads with medium-large individual flowers.

Seed for 500 plants..... \$ 5.00

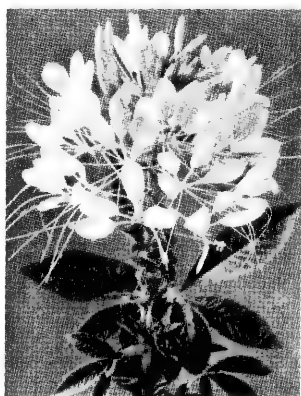
Seed for 1000 plants..... 10.00

Positively do not use soil that was previously used for Mums and especially so if your Mums were affected with Verticillium wilt or Seidewitz disease. Cinerarias are attacked by this wilt which is a soil-borne fungus. It will cause the lower leaves to wilt and die and then gradually kill the entire plant. The only prevention for this trouble is to use new field soil from seed flat to finished pot. Steam sterilize soil. Sow in January for spring combination work. Sow from June on for Christmas and late winter pot plants.

MULTIFLORA GRANDIFLORA NANA MIXED

Improved German Strain (Approx. 6,000 seeds per 1/32 oz.)

This is an outstanding German Strain consisting of a beautiful color assortment of bright-eyed types.Tr. Pkt. \$2.50



CLEOME

CLEOME

PINK QUEEN

Large flower heads of bright rosy pink later changing to white. Height 4 feet.

Tr. Pkt.	¼ oz.	Oz.
\$.35	\$.55	\$1.90

HELEN CAMPBELL

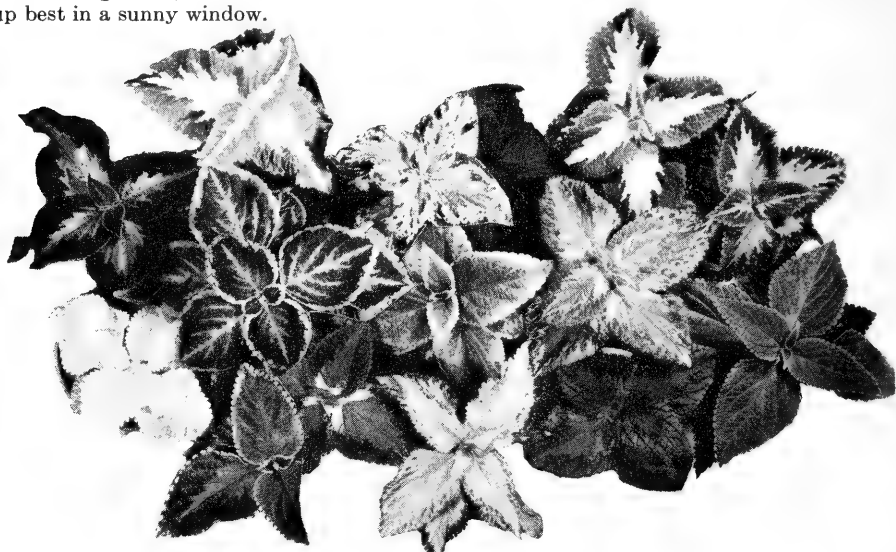
Same as above but color is pure glistening white.

Tr. Pkt.	¼ oz.	Oz.
\$.50	\$.90	\$2.70

COLEUS — Rainbow Type

(Approx. 3,500 seeds per 1/32 oz.)

Coleus are now more popular than ever for border planting and in combinations. They do best in a light soil, and outdoors some shade intensifies the colors. Indoors the colors show up best in a sunny window.



COLEUS WINDSOR HYBRIDS MIXED

WINDSOR HYBRIDS MIXED

Exceptionally fine strain containing an unusually bright assortment of colors. Even as young plants the foliage color patterns are excellent. Coleus make excellent pot and bedding plants. For Decoration Day sales, sow seed the first week in January.

Tr. Pkt.
\$1.75

1/64 oz.
\$2.75

1/32 oz.
\$5.25

1/16 oz.
\$9.50

WINDSOR HYBRIDS SEPARATE COLORS

Alpenglow—Shades of bronze and orange, without usual green edging. Retains both color and compactness throughout season.

Amber Rainbow—Pale amber, edged green.

Antic Beauty—Orange and bronze shades, bordered with light green mottling.

Candidum—Soft ivory white with contrasting dark green edge.

Color Pride—Basic color is bright red with border mottled bronzy-red and green.

Pink Rainbow—Attractive coral-salmon with narrow light green border.

Red Rainbow—Shades of carmine through mahogany red with green edging.

Salmon Rainbow—Delicate salmon pink which darkens to light bronze as growing season progresses.

Scarlet Rainbow—Beautiful bright scarlet with narrow light green edge.

Velvet Rainbow—Color is brilliant blood-red with darker overtones. Outstanding when combined with white or gold.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.
\$2.25

1/64 oz.
\$3.25

1/32 oz.
\$5.75

1/16 oz.
\$10.50

LARGE LEAF EXHIBITION STRAIN

Fantasy—Larger than Rainbow type, Fantasy is a mixture of multicolored leaf patterns being striped and spotted with red, yellow, green and bronze.

Gold Dust—Creamy light green, flecked with fine gold blotches.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.
\$2.25

1/64 oz.
\$3.25

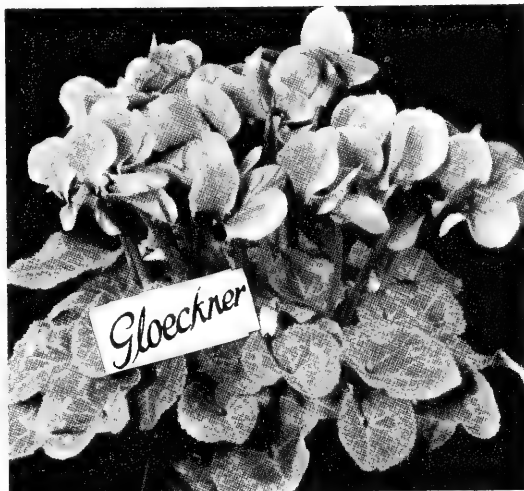
1/32 oz.
\$5.75

1/16 oz.
\$10.50

CYCLAMEN *Gloeckner* Strain

This strain is produced by one of the foremost Cyclamen specialists in Europe and is considered outstanding.

1. **Bright Red**
2. **Light Pink**
3. **Rose of Marienthal**—Pink with dark eye
5. **White with Dark Eye**
6. **Pure White**
7. **Glory of Wandsbeck or Perle of Zehlendorf**—Dark salmon
8. **Rose of Zehlendorf**—Light salmon
9. **Vermilion**
11. **Rococo**—Salmon shades fringed rim
12. **Bonfire (America)**
15. **Salmon Pink with White Rim**
16. **Harlequin**—Pink with dark stripes
20. **Exquisite**—Salmon scarlet flower with lighter colored underside of petals silvery foliage
21. **Apple Blossom**



CYCLAMEN GLOECKNERS

22. **Peach**—Purest peach blossom color
23. **Cattleya**—Pale lavender lilac blue
24. **Sunset**—Dark salmon
28. **Pink with Salmon Eye**
29. **Saffron with Silver Rim**

PRICES ABOVE EACH: 100 seeds \$2.50; 1000 seeds \$20.00 (250 seeds at 1000 rate.)

CORN (Ornamental)

	Oz.	¼ lb.	Lb.
Rainbow (Indian Squaw or Calico) —Various colored kernels. Ideal for fall decoration.....	\$.20	\$.50	\$1.50
Strawberry —Straw colored husks fold back to reveal the bright mahogany colored 2 inch ears.....	.40	1.40	4.00

COSMOS (Sensation)

(Approx. 5,500 seeds per oz.)

	Tr. Pkt.	Oz.		Tr. Pkt.	Oz.
Pinkie —Delightful rose pink.....	\$.30	\$1.50	Radiance —Deep rose with band of rich crimson.....	\$.30	\$1.50
Purity —Glistening white....	.30	1.50	Sensation Early Mixed —Flowers earlier than other varieties.....	.30	1.50
Crimson —Deep red selection of Sensation.....	.30	1.50			

CUPHEA

(Approx. 7,000 seeds per oz.)

	Tr. Pkt.	½ oz.	¼ oz.	Oz.
Firefly —As a spring pot or bedding item, easily produced from seed. Reach a height of twelve inches covered with scarlet flowers.....	\$.40	\$.75	\$1.35	\$4.00

DELPHINIUM

PACIFIC STRAIN (Vetterle & Reinelt)

(Approx. 13,000 seeds per oz.)

July or August sowing and transplanting into the field during the fall will produce an early crop with large spikes. Delphiniums require a well-drained soil, neutral in reaction. A January sowing, transplanted in the greenhouse and set out in early spring provides a good cut during the summer.

Astolat Series—Pale blush through lilac pink to deep raspberry rose. Large brown, fawn and black bees.

Black Knight—Florets, 2 to 3" in diameter, are dark purple.

Blue Bird Series—Clearest medium blues with white bees.

Bluejay Series—Clear medium to dark blue.

Cameliard Series—Pure lavender self, with white bee.

Galahad Series—Flowers clear white, averaging three inches in diameter.

Guinevere Series—Light pink lavender self with white bee.

King Arthur—Brilliant royal violet with large white bee.

Lancelot Series—Clear lilac self with white bee.

Percival Series—Glistening white flowers with contrasting black bee.

Round Table Series—Some three hundred different crosses were used to make up this group.

Summer Skies Series—Clearest light blue with white bee.

All Colors Mixed—A blend containing all named colors mentioned above.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	1/4 oz.	1/4 oz.	Oz.
\$2.00	\$3.00	\$5.50	\$20.00

MISCELLANEOUS STRAINS

(Approx. 10,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
Blackmore —Langdon Strains.....	\$.40	\$1.25	\$3.75	\$12.50
Cliveden Beauty (Improved Belladonna) —Selected strain. Turquoise blue.....	.40	1.25	3.75	12.50
Bellamosum —Dark blue. Belladonna habit of growth.....	.40	1.25	3.75	12.50

CHINENSIS

(Approx. 19,000 seeds per oz.)

	Tr. Pkt.	Oz.
Alba —Pure white.....	\$.25	\$1.50
Cambridge Blue —Azure blue.....	.30	2.75
Liberty —Dark blue.....	.25	1.50

DAHLIAS

(Approx. 3,000 seeds per oz.)

Unwin's Dwarf Bedding Mixed—Early flowering semidouble, 20 inches, in a wide range of colors.

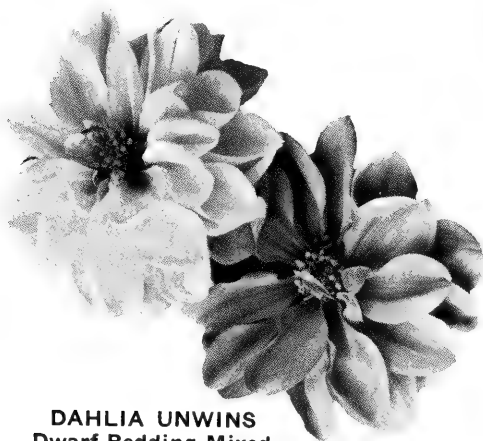
Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
\$.45	\$1.35	\$4.00	\$12.00

Coltess Hybrids—Dwarf single type, very free flowering, height 2 feet, choice mixed colors.

\$.30	\$.80	\$2.50	\$7.50
--------	--------	--------	--------

Mignon Mixed—Rounded single flowers in a good color range. Ideal for bedding 18 inches.

\$.40	\$.80	\$2.50	\$7.50
--------	--------	--------	--------



DAHLIA UNWINS
Dwarf Bedding Mixed



DIDISCUS

DIANTHUS HEDDEWIGII LACINATUS

(Approx. 23,000 seeds per oz.)

	Tr. Pkt.	Oz.
Double Gaiety—Bright colors mixed.....	\$.35	\$2.50
Single Gaiety—Large lacy flowers.....	.35	2.50
Swift Wivels Field—Multiflora type fragrant.....	.25	1.25

DIDISCUS

(Approx. 10,000 seeds per oz.)

Coerulea—Blue lace flower.....	\$.30	\$2.50
Lace Veil—White version of the above...	.35	3.00

DRACAENA

Indivisa (CLEANED SEEDS—10,000 seeds per oz.)

Tr. Pkt.	¼ oz.	Oz.
\$.35	\$1.00	\$3.00

Indivisa (IN THE HULL—1,500 seeds per oz.)

Tr. Pkt.	Oz.	¼ lb.	Lb.
\$.20	\$.55	\$1.65	\$5.50

EUPHORBIA

(Approx. 2,500 seeds per oz.)

	Tr. Pkt.	Oz.	¼ lb.
Variegata—(Snow on the Mountain). \$	.30	\$.90	\$3.00

EXACUM

(Approx. 15,000 seeds per 1/64 oz.)

	Tr. Pkt.	1/128 oz.	1/64 oz.
Affine—An attractive and easily grown pot plant. The violet-blue flowers are fragrant.....	\$1.25	\$3.25	\$6.00

FEVERFEW (Matricaria)

(Approx. 150,000 seeds per oz.)

	Tr. Pkt.	¼ oz.	Oz.
Double White Improved—Select florist strain.....	\$1.00	\$6.00	\$18.00

GAILLARDIA PICTA

(Approx. 9,000 seeds per oz.)

	Tr. Pkt.	¼ oz.	Oz.
Tetra Red—Single flowers. Brite coppery red.....	\$.30	\$.80	\$2.40
Indian Chief—Single bronzy red.....	.20		1.00
Double Lorenziana—Finest mixed.....	.20		1.00
Single Mixed.....	.20		1.00

GAZANIA

(Approx. 12,000 seeds per oz.)

	Tr. Pkt.	¼ oz.	Oz.
New Hybrids Mixed—Shades of orange, yellow and white. Plants 8 in. tall.....	\$.50	\$1.50	\$4.50

GERBERA (Transvaal Daisy)

Hybrids Mixed—A selected strain of fully duplexed flowers containing all colors but blue.
100 seeds.....\$.70 1000 seeds.....\$5.50 5000 seeds.....\$25.00

GOMPHRENA (Globe Amaranth)

(Approx. 10,000 seeds per oz.)

An attractive everlasting garden flower with some value for cutting. Stands hot, dry conditions.

	Tr. Pkt.	¼ oz.	Oz.
Buddy (Dwarf)—Dwarf strain for bedding, pots and combinations.			
Bright reddish-purple.....	\$.60	\$1.00	\$3.00
Cissy (Dwarf)—Pure white.....	.60	1.00	3.00
Dot-n-Dash (Dwarf)—Mixture of Buddy and Cissy.....	.60	1.00	3.00
Orange (Tall).....	.30	.50	1.50
Pink (Tall).....	.30	.50	1.50
Rubra (Tall)—Bright deep shade of magenta purple.....	.30	.50	1.50

GLOXINIA

Sow in December for 5-inch flowering plants in June. Germination is best if seed is not covered and a 70° temperature is maintained. The soil mixture should consist of a third each of peat, compost, and sand. Never allow the pots to dry and shade lightly, carrying the plants in a 65° house.

	Tr. Pkt.		Tr. Pkt.
Beacon Fire —Light and dark red mixed.....	\$1.25	Marbotts Pink —This is the pinkest of the pink gloxinias. Short growth with upright flower stems.....	\$3.00
Emperor Wilhelm —Purple bordered white.....	1.25	Panzer Red —Velvety scarlet.....	3.00
Fernleaf Type —Velvet red.....	1.25	Switzerland —Red with white border..	1.25
Gierths White —Pure white.....	1.25	Symphony in Rose —Deep rose with white border.....	1.25
Hamburger Blood Red	2.00	Mixed —This mixture consists of the most desirable Florist strains.....	1.25
Holstein Blut —Blood red.....	2.00		
King of the Giants —Velvety crimson.	1.25		

DOUBLE GLOXINIA

Red—Bright red—About 50% are true double.....

Tr. Pkt.
\$4.50

GREVILLEA (Silk Oak) (Approx. 3,000 seeds per oz.)

March sowing will make a good sized specimen by Fall. June sowing will make 2¼ inch pot plants ideal for use in panning poinsettias.

	Tr. Pkt.	¼ oz.	Oz.
Robusta —A splendid foliage plant.....	\$.40	\$1.35	\$4.50

GYPSOPHILIA (Baby's Breath) (Approx. 34,000 seeds per oz.)

Free blooming plants of easiest culture. Desirable for cutting to mix with other flowers.

	Oz.	¼ lb.	Lb.	5 lbs.
Covent Garden Strain Improved —Pure white.....	\$.30	\$.75	\$2.50	\$10.00

IMPATIENS

(Approx. 66,000 seeds per oz.)

Excellent low-growing bedding plants for part or full shade. Seed germinates in 2 to 3 weeks at 65 to 70°. Dwarf varieties also make good 3 or 4-inch pot plants.

DWARF TYPES

	Tr. Pkt.	¼ oz.	½ oz.	¾ oz.
Red Knight —Fiery red, dark green foliage, dwarf..	\$2.00	\$3.50	\$6.00	\$10.50

Light Salmon Pink—Pastel pink with deeper eye

Rose Pink—A bright shade of deep rose, compact growing

White Lady—Pure white'

Tr. Pkt.	¼ oz.	½ oz.	¾ oz.
\$2.50	\$4.25	\$7.50	\$13.00

Fire Gleam—Scarlet orange with dark foliage

Orange Gleam—Pleasing shade of orange

Scarlet Gleam—Bright scarlet with pleasing foliage

Dwarf Mixed—Bright mixture of dwarf varieties including orange, scarlet, pink, rose, cherry red, and salmon shades

Tr. Pkt.	¼ oz.	¾ oz.
\$1.00	\$2.50	\$4.50



IMPATIENS LIGHT SALMON PINK

TALL GROWING TYPE

	Tr. Pkt.	¼ oz.	¾ oz.
Sultani Hybrids Mixed	\$.50	\$1.10	\$2.00

IPOMEA (Morning Glory)

	Tr. Pkt.	Oz.	¼ lb.
Clark's Mammoth Blue—(Heavenly Blue Improved).....	\$.25	\$.75	\$2.25
Pearly Gates—Lustrous white with creamy shading in the throat.....	.30	.90	3.00
Scarlet O'Hara—Deep rosy crimson.....	.25	1.25	
Noctiflora—(Moonflower)—Large flowered white.....	.20	.60	2.00

KALANCHOE (Approx. 60,000 seeds per 1/32 oz.)

For Christmas flowering, shade the plants with black cloth from September 1st to October 10th, from 5 P.M. to 8 A.M. each day and grow in 60 degree house.

Brilliant Star—Extremely large fiery red flowers. Good Tr. Pkt. ½₂₈ oz. ¼₆₄ oz. ⅓₃₂ oz.
for cutting as well as pots. \$1.00 \$2.10 \$3.85 \$7.00

Improved Tom Thumb—Sport of original Tom Thumb with similar habit, but has florets, larger with more substance and a darker red. Orig. Tr. Pkt. contains 1/128 oz. 3.50 6.50 12.00

Vulcan—Flowers somewhat larger and brighter red than old standby Tom Thumb. Tr. Pkt. ½₂₈ oz. ¼₆₄ oz. ⅓₃₂ oz.
1.25 3.50 6.50 12.00

KOCHIA (Approx. 30,000 seeds per oz.)

Childsi—Oval shaped plants stay green through entire summer season. Tr. Pkt. Oz.
\$.15 \$.50

LARKSPUR (Approx. 9,000 seeds per oz.)

OUTDOOR CUT FLOWERS—Sown outdoors from August 15 to September 15 larkspur seedlings will be large enough to winter over for an early summer crop. A mulch prevents heaving over winter. Good results may also be had by sowing seed outdoors as soon as the ground can be worked in spring. Spaced an inch apart, 1 oz. of seed will give about 700 feet of row.

INDOOR SPRING FLOWERS—A December or January sowing produces 3-inch band or pot plants to follow late mums. Space 1 foot apart each way in ground beds and 10 x 10 inches in raised beds. Plants grow 4 to 5 feet tall and do best in a 45 to 50° house.

Regal Light Blue—Best azure blue

Dark Blue Supreme—Rich violet purple

Lilac Supreme—Clearest lavender

Regal Deep Carmine—Deep rich carmine rose

Pink Supreme—Clear rose pink

Regal Brilliant Rose—Strong deepest rose

Salmon Supreme—Excellent medium salmon rose

FORMULA MIXED

Tr. Pkt.	¼ oz.	½ oz.	Oz.	¼ lb.	Lb.
\$.40	\$.60	\$1.00	\$1.80	\$6.00	\$18.00

(Approx. 428,000 seeds per oz.)

	Tr. Pkt.	¼ oz.	Oz.
Fairy Bouquet Improved —8" to 10" now has full color range rather than only pastel shades.	\$.40	\$1.35	\$4.00

LOBELIA (Approx. 700,000 seeds per oz.)

Blue Stone—Dwarf bright blue

Emperor William—Gentian-blue

Crystal Palace Compacta—Dark blue

Mrs. Clibran Imp.—Dwarf blue, white eye

Rosamond—Carmine with white eye

Sapphire—Deep blue, white eye, eye, trailing

White Lady—Dwarf, sparkling white

Tr. Pkt.	¼ oz.	Oz.
\$.40	\$1.25	\$3.75

LUPINUS (Annual)

Giant King(Approx. 13,000 seeds per oz.)

Base branching habit, with four to six long spikes to the plant. A January sowing will give good 3" pots for spring.

Sky Blue	Heliotrope	Blue	White	Mixed
Tr. Pkt. \$.25	Oz.	\$1.00	¼ lb.	\$3.00



LOBELIA EMPEROR WILLIAM

MARIGOLD — Bedding Varieties

(Approx. 9,000 seeds per oz.)



MARIGOLD SPUN GOLD

These fine strains are popular for bedding plant sales and for combination boxes and pots. Sow seed outdoors as soon as the weather warms or start indoors a month before the plants are needed for sale in the spring.

DWARF CHRYSANTHEMUM FLOWERED

SPUN GOLD

An early dwarf chrysanthemum flowered type with erect bushy growth and many large double golden yellow flowers. The outstanding features of this Marigold are extreme earliness, uniformity of height and habit, profuse blooming.

Tr. Pkt.	¼ oz.	Oz.	¼ lb.
\$.75	\$2.00	\$6.00	\$18.00

CUPIDS

Large 2½-inch flowers on dwarf plants, odorless foliage, and uniform compact growth make these ideal for border planting. Available in the following colors:

Cupid Yellow—Bright lemon yellow—early blooming

Cupid Gold—Light gold

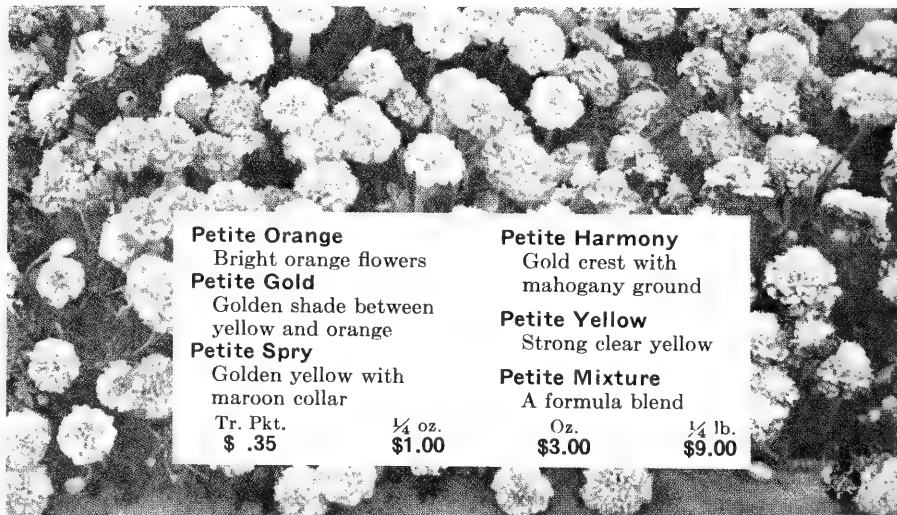
Cupid Orange—Rich orange, early blooming

Cupid Mixed—Blend of above three

Tr. Pkt.	\$.75	¼ oz.	\$1.75	Oz.	\$5.00
------------------	--------	---------------	--------	-------------	--------

PETITE

This class of extra dwarf French double marigolds is excellent for borders and mass effects. They were All-America winners for 1958 (except Petite Yellow) and are outstanding for bedding purposes.



Petite Orange

Bright orange flowers

Petite Gold

Golden shade between yellow and orange

Petite Spry

Golden yellow with maroon collar

Tr. Pkt.	¼ oz.
\$.35	\$1.00

Petite Harmony

Gold crest with mahogany ground

Petite Yellow

Strong clear yellow

Petite Mixture

A formula blend

Oz.	¼ lb.
\$3.00	\$9.00

MINIATURE EXTRA DWARF

Dainty Marietta—Single extra early very dwarf selection of Naughty Marietta

Tr. Pkt.	¼ oz.	Oz.
\$.40	\$1.20	\$3.50

Butterball—Dwarf. Soft butter yellow

Gold Crest—Dwarf double golden yellow

Lemondrop—Full double canary-yellow

Melody—Dwarf. Double brilliant orange

Spry Hybrids—Miniature flowers abundantly produced in new and unusual combinations

Spry—Yellow crested center, mahogany red guard petals

Sunkist—Rich deep golden orange

PRICES OF ABOVE VARIETIES EXCEPT WHERE NOTED

Tr. Pkt.	¼ oz.	Oz.
\$.35	\$.65	\$2.00



MARIGOLD BUTTERBALL

DWARF FRENCH DOUBLE

	Tr. Pkt.	¼ oz.	Oz.
Color Magic —Mixture of red, gold striped and mottled combinations.....	\$.35	\$.75	\$2.25
Eldorado —Canary yellow tinted slightly deeper toward the center..	.40	1.00	3.00
Harmony —Deep orange, center petals flanked by wide dark maroon, brown petals.....	.30	.65	2.00
Harmony Hybrids —Dwarf attractive mixture of harmony type: crested flowers.....	.30	.65	2.00
Primrose —Double sulphur yellow. Extra fine for borders.....	.30	.65	2.00
Primrose Gem —Primrose-yellow flowers, fully double, 2-2½ inches across. Plants 9 inches tall.....	.40	1.00	3.00
Rusty Red —(Fandango)—Large flower fully double.....	.35	.65	2.00
Scarlet Glow —Mahogany turning to orange scarlet.....	.35	.65	2.00
Tangerine —Distinct bright tangerine-orange. Early bloomer. Excellent for cutting.....	.35	.65	2.00

DWARF FRENCH SINGLE

	Tr. Pkt.	¼ oz.	Oz.
Brownie —Mahogany-red flowers with golden-yellow centers; 2" across.....	\$.35	\$.60	\$1.80
Flash —Flowers ranging from vivid red through bronze with a few yellow, to give harmonious contrast.....	.35	.60	1.80
Naughty Marietta —Golden yellow single flowers with maroon blotch.....	.35	.60	1.80
Red Head —Large flowers mahogany turning to bronze and gold..	.35	.60	1.80
Sunny —Clear yellow.....	.35	.60	1.80

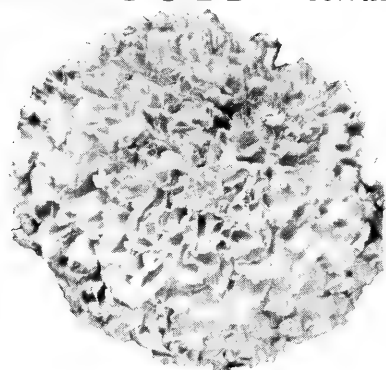
WINTER FLOWERING

	Tr. Pkt.	¼ oz.	Oz.
Colorado Sunshine —This is a marigold selected as a cut flower variety. It is a luminous golden yellow with ruffled and wavy petals. Flowers 3 to 4 inches. Also recommended for outdoor culture. The stems are long and strong.....	\$.50	\$1.50	\$4.50

Marigold Continued Next Page

MARIGOLD—Continued—Tall Varieties for Cutting

(Approx. 10,000 seeds per oz.)



MARIGOLD CRACKERJACK

Sown in January or February, the plants spaced 4 x 5 inches and grown single stem produce a profitable crop for spring cutting. African tall doubles and Carnation and winter-flowering sorts are most popular, but the others are also needed for variety. All may be grown for spring plant sales and early fall cut flowers.

CHRYSANTHEMUM FLOWERED TYPES

Ball-shaped blooms measure 3" across. For Spring greenhouse or outdoors.

	Tr. Pkt.	¼ oz.	Oz.
Glitters—Lemon yellow.....	\$.35	\$1.00	\$3.00
Goldsmith—Golden orange.....	.35	.75	2.25
Happiness—(Medium Dwarf)—About 18" tall. Large flowers of a cheerful golden yellow color. Profuse bloomer.....	.35	.75	2.25
Yellowstone—Clear golden yellow.....	.35	.75	2.25

GIGANTEA

A remarkable new sweet scented, robust growing extremely large flowered type, ideal for show purposes, florist use and garden decoration. It has also been tested and found good for greenhouse culture.

	Tr. Pkt.	¼ oz.	Oz.
Crackerjack—Uniformly large double flowers produced on shorter plants than Sunset Giants. Yellow and orange shades.....	\$.50	\$1.00	\$3.00

F1 HYBRID MARIGOLDS

Toreador—Full double bright orange flowers

Yellow Climax—Same as Toreador except for its canary yellow flowers

Climax Mixture—A blend of colors from deep orange to pale yellow

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	1/16 oz.	1/8 oz.	1/4 oz.	Oz.
\$.85	\$2.50	\$4.50	\$8.00	\$25.00

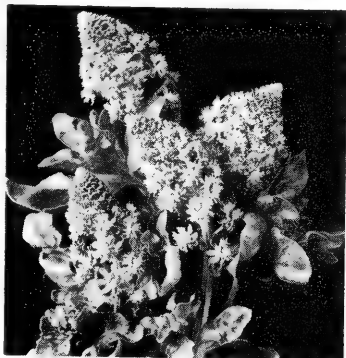
AFRICAN TALL DOUBLE

These all double strains produce practically 100% true double flowers.

	Tr. Pkt.	¼ oz.	Oz.	¼ lb.
Fluffy Ruffles—Golden yellow.....	\$.35	\$1.00	\$3.00	
Orange All Double—Rich orange.....	.30	.55	1.75	\$6.00
Lemon All Double—Bright lemon yellow.....	.30	.55	1.75	6.00

CARNATION FLOWERED

	Tr. Pkt.	¼ oz.	Oz.	¼ lb.
Guinea Gold—Reselected strain. Golden orange.....	\$.30	\$.55	\$1.75	\$6.00
Man-In-The-Moon—Fully double pale ivory yellow flowers.....	.30	.55	1.75	6.00
Yellow Supreme—Light lemon yellow.....	.30	.55	1.75	6.00



MIGNONETTE

NASTURTIUM (Double Gleam)

(Approx. 175 seeds per oz.)

Glorious Gleam Hybrids Finest

Mixed—Wide assortment colors

Oz.	¼ lb.	Lb.
\$.40	\$1.25	\$4.00

DWARF DOUBLE

Golden Globe—Golden yellow

Gem Mixture—Dwarf compact, excellent color range

Oz.	¼ lb.	Lb.
\$.45	\$1.50	\$4.50

NEMESIA

(Approx. 25,000 seeds per ¼ oz.)

NANA COMPACTA

Dwarf habit. Branches freely from base. Excellent for pots and combination work.

Superbissima Mixed—Large flowered bright shades

Tr. Pkt.	¼ oz.
\$.35	\$1.25

STRUMOSA GRANDIFLORA

August sowing for cut flowers in December. October sowing for spring.

Finest Mixed

Tr. Pkt.	¼ oz.
\$.30	\$1.00



NIEREMBERGIA

MESEMBRYANTHEMUM

(Approx. 100,000 seeds per oz.)

Crinifolium—Dwarf spreading plants covered with daisy like flowers in a wide range of colors.

Tr. Pkt.	¼ oz.	Oz.
\$.50	\$1.20	\$3.60

MIGNONETTE

(Approx. 26,000 seeds per oz.)

Giant New York Market—Select strain

Tr. Pkt.	¼ oz.
\$.35	\$1.00

MIMOSA

(Approx. 4,500 seeds per oz.)

Pudica—(Sensitive Plant)

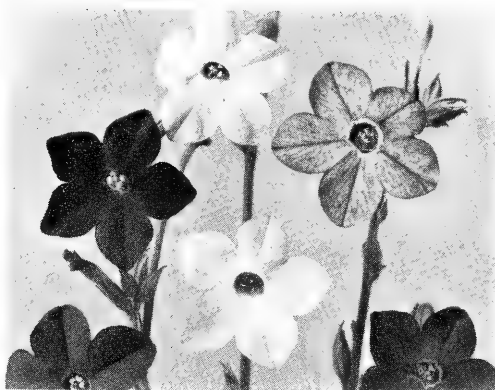
Tr. Pkt.	¼ oz.	Oz.
\$.30	\$.50	\$1.50

MYOSOTIS (Winter Flowering)

(Approx. 30,000 seeds per oz.)

Blue Bird—(Early Florist Strain)—Deep blue

Tr. Pkt.	¼ oz.	Oz.
\$.50	\$1.50	\$4.50



NICOTIANA

NICOTIANA (Ornamental Tobacco)

(Approx. 200,000 seeds per oz.)

Crimson Bedder—Compact, deep crimson

Tr. Pkt.	Oz.
\$.30	\$2.00

Dwarf White Bedder—Dwarf and compact, white scented flowers all day

Tr. Pkt.	¼ oz.	Oz.
\$.35	\$1.00	\$3.00

Sensation Mixed—Flowers open during the day, ideal for bedding

Tr. Pkt.	¼ oz.	Oz.
\$.40	\$1.00	\$3.25

NIEREMBERGIA (Dwarf Cup Flower)

(Approx. 5,500 seeds per 1/32 oz.)

Sow seeds early to have plants in flower for Decoration Day. Excellent plant for edging and general bedding. Will flower profusely during entire summer.

Purple Robe—Deep violet purple

Tr. Pkt.	¼ oz.	½ oz.
\$.50	\$1.75	\$3.25

PANSIES

(Approx. 21,000 seeds per oz.)

CULTURE

For spring bedding plant sales pansies are sown either indoors in December or January or outdoors from July until September. December- or January-sown plants are carried in a cool greenhouse, transplanted into frames about March and are ready for May sales. Late summer-sown seed outdoors in shaded frames produces large enough plants to be spaced 4 x 6 inches apart in frames, strong enough to carry over winter under a loose mulch. The plants must be well established before winter sets in.

SPECIAL STRAIN MIXED

This strain possesses very large blooms on vigorous plants, and is especially good for bedding. The color range is excellent containing combinations of deep rich colors in the red and wine shades. F2 hybrids, the plants have tremendous vigor and giant flowers. Compact plants, they are ideal for basket work.

Tr. Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	Oz.
\$1.50	\$3.75	\$7.00	\$22.00

MASQUERADE

F2 early and bright-colored variety derived from the Oregon jumbo type. Vari-colored in shades of yellow blue, violet, mauve and rust.

Tr. Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	Oz.
\$1.50	\$3.75	\$7.00	\$22.00

KING SIZE MIXED (NEW)

Excellent new early strain, blooms over a long season with the husky robust plants producing giant size flowers. Colors include variations of mahogany and raspberry and gold vi-colors.

Tr. Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	Oz.
\$1.50	\$3.75	\$7.00	\$22.00

NON PLUS ULTRA

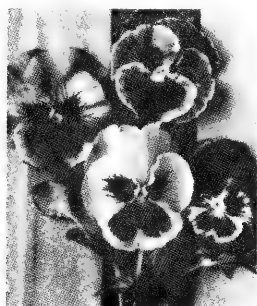
Flowers of superb texture and excellent markings. Made up of fourteen separate colors so blended that it gives a perfect color balance to the mixture. It is without question a perfect strain for the commercial trade.

Tr. Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	Oz.
\$1.00	\$1.75	\$3.50	\$12.00

RUFFLED FANTASIES

Early flowering strain. Producing robust plants with flowers that are ruffled and waved.

Tr. Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	Oz.
\$1.00	\$3.00	\$5.00	\$15.00



PANSIES

MIXTURES

	Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
Amsterdam Giants —Early free flowering, heat resistant. Large flowered, with a long season of bloom.....	\$.85	\$1.50	\$2.50	\$7.50
Arcadia —Brilliant colors and pastel shades form a complete color range in this strain characterized by large flowers on sturdy, dwarf plants.....	1.00	3.00	5.00	15.00
Canadian Giants —A selection out of Maple Leaf Giants. This large flowered mixture has a good color range and flowers of rich heavy substance.....	1.00	1.85	3.30	11.00
Clear Crystals —Slightly ruffled flowers in a complete color range. Flowers are medium sized.....	1.00	1.50	2.50	7.50
Jumbo Mixed —Large flowers of great substance on long stems. Many unique colors.....	1.40	3.40	6.10	16.50
Maple Leaf Giants —Large flowering strain.....	.75	1.75	3.00	10.00
Super Swiss Giants "400"	1.00	2.60	4.70	12.80
Oregon Giants Mixed —Fine strain of giant ruffled pansies. Large heavy textured flowers in a good range of colors.....	1.25	2.25	4.00	12.00
Swiss Giant Improved —A special blend for florists, superlative in form and range of dark, rich colors. Most of the blooms waved.....	.75	1.50	2.75	9.00

SEPARATE COLORS

	Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
Alpenglow —Velvet mahogany-red with dark blotch....	\$.70	\$2.00	\$3.50	\$11.00
April Snow —Creamy white.....	.70	2.00	3.50	11.00
Berna —Dark violet blue.....	.70	2.00	3.50	11.00
Blue —(Ullswater)—Rich clear blue.....	.70	2.00	3.50	11.00
Bronze Shades —Blend of colors ranging from old gold—rich copper to deep browns. A true jumbo strain....	1.65	4.95	8.90	24.00
Coronation Gold —Pure golden yellow, flowers slightly ruffled at edges.....	.70	2.00	3.50	11.00
Luna —Sulphur yellow self.....	.70	2.00	3.50	11.00
Moon Moth —Pure white.....	1.65	4.95	8.90	22.50
Pay Dirt —Yellow.....	1.75	5.50	9.00	27.00
Pure White —Paper white, small yellow eye.....	1.00	2.75	5.00	15.00
Rheingold —Yellow with blotch.....	.70	2.00	3.50	11.00

Tall Winter Flowering—Mixed—Tall growing winter cut flower variety. Mixture consists of bright blue—mauve—yellow cream in combination. Not recommended for bedding..... Tr. Pkt. \$1.00

PEPPERS (Ornamental)

(Approx. 9,000 seeds per oz.)

Birds Eye —Popular birdseye or holly berry type	Long Pointed —Fine selection, long pointed type
Christmas Candle —Bears candle-like fruit	Robert Craig —(Dwarf)—Compact, spreading, heavy fruiting

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.....\$1.00

1/4 oz.....\$2.00

PETUNIAS

F1 HYBRID GRANDIFLORA

The F1 Hybrid Grandiflora Petunias are one of the showiest and most outstanding bedding plants of the day. They make the most impressive and longlasting display with a minimum of care of any annuals available to the home gardener.

The wide selection of colors, ranging from red through rose shades, pinks, white, lavender, blue and bi-colors make them ideal for any color combination the home gardener would want in his annual border.

RED SHADES

Bonfire—Dazzling deep salmon scarlet with golden throat. The large plain edged flowers are borne on dwarf compact plants.



PETUNIA RED ENSIGN

Fire Gleam—Brilliant salmon scarlet fringed flowers. Plants are very vigorous.

Northern Sunrise—(New)—Color is similar to Fire Gleam but with a more pronounced reddish shade.

Red Chief—Plain edged large deep red flowers. Slightly lighter than Fire Chief. Free flowering—dwarf habit.

Red Ensign—(New)—Deep scarlet red color. This plain edge Grandiflora is erect growing but dwarf.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$36.00	\$65.00

Fire Dance—Fringed salmon scarlet flowers on dwarf compact plants.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

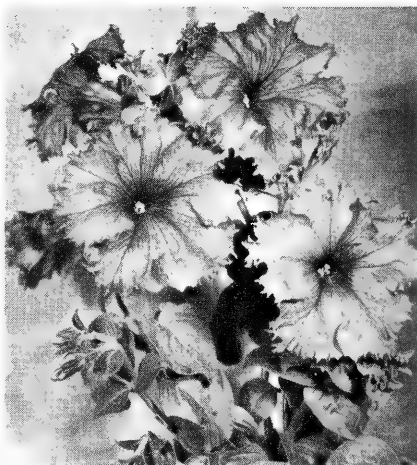
Scarlet Lustre—Color is brilliant scarlet with gold throat. The flowers are large and slightly ruffled with some fringing.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.
\$3.00	\$5.50	\$10.00	\$19.00
$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	
\$36.00	\$69.00	\$129.00	

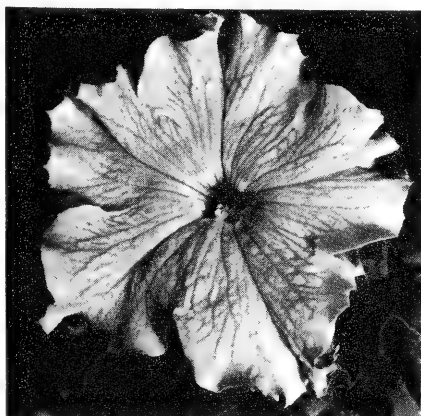
Tango—One of the most popular varieties. The fringed deep scarlet salmon flowers make a brilliant display against the dark green foliage.

Toreador—The large slightly ruffled flowers of a warm velvety crimson color. Growth dwarf and compact.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.
\$2.50	\$4.50	\$8.00	\$15.50
$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	
\$30.00	\$57.00	\$108.00	



PETUNIA TANGO



PETUNIAS

F1 HYBRID GRANDIFLORA

ROSE AND PINK SHADES

Ballerina—Flowers are well fringed with color a soft glowing salmon. Extremely free flowering, dwarf and uniform.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.
\$2.50	\$4.50	\$8.00	\$15.50
$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	
\$30.00	\$57.00	\$108.00	

Fairyland—Fairly large blooms are nicely fringed. Color a light salmon pink produced on very dwarf uniform plants.

Flirt—Robust grower producing plain edged flowers of a clear light salmon pink. Withstands adverse weather conditions.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$36.00	\$65.00

Lavender Lace—Bright rosy orchid lavender with rich plum-purple penciling. Plants dwarf and compact with flowers well fringed and ruffled.

Maestro—Plants are dwarf, compact spreading with dark green foliage. Fringed, ruffled blooms of a brilliant cerise rose with striking golden yellow throat.

Maytime—(All American)—Very free flowering with huge blossoms of clear light salmon pink with slightly deeper penciling.

Pink Magic—Outstanding pink, both in earliness and abundance of bloom. Good for pots and bedding.

Prima Donna—(All American)—Large fringed bright rose pink. Uniformly dwarf compact and spreading.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

Rose Lustre (New)—Blooms of bright rose pink are heavily waved and are finely fringed. Pale creamy yellow contrasting throat.

Salmon Lustre (New)—The luminous salmon pink color plus its exceptional blooming qualities will make this like the other lustres a sure hit.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.
\$3.00	\$5.50	\$10.00	\$19.00
$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	
\$36.00	\$69.00	\$129.00	



PRIMA DONNA



PETUNIA CALYPSO

PETUNIAS

F1 HYBRID GRANDIFLORA

BI-COLOR VARIETIES

Calypso (New)—Dense growing compact plants which are a truly eye catching blend of scarlet and white. The medium size blooms are well ruffled and quite heavily fringed.

Crusader—A very popular bi-color with contrasting bright rose pink stripes on well fringed white blossoms.

Sabre Dance—Extra large blooms of deep burgundy crimson variegated with a white star. Compact but vigorous habit plus strong color contrast make this a very popular variety.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

Minstrel—Medium-large, well ruffled flowers are abundantly produced on uniformly dwarf and compact plants. Color, though somewhat irregular is a pleasing blend of rich deep violet blue and white.

Rose Veil—A pleasing and somewhat different blend of colors, not usually found in Petunias. Basic color is a soft blush pink, with fine veining of deep rose. Plants are dwarf and uniform.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$36.00	\$65.00

WHITE

La Paloma—Medium large well fringed white flowers have finely contrasting yellow throats. Habit is both vigorous and uniform.

White Magic—Size of bloom, earliness, and exceptional flower production have made **White Magic** one of the most popular petunias available. Plants are dwarf but robust.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

Snow Cap—This early, free flowering variety has what might be called true Grandiflora size blooms. The large heavily ruffled pure white flowers, plus its dwarf and vigorous habit make this a must on any order.

Snow Lady—Dwarf, uniform and compact habit in addition to the well fringed large pure white flowers, make this an ideal Petunia for combinations and pots.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$36.00	\$65.00



BLUE LUSTRE

PETUNIAS

F1 HYBRID GRANDIFLORA

BLUE SHADES

Bluebell—Light violet non fringed variety that has a medium dwarf compact growth.

Blue Lace—A new orchid blue shade that gives a nice effect in the garden. The flowers are orchid blue with violet penciling. The foliage is dark green. Plants are vigorous and sturdy.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

Blue Lustre—The large waved flowers are a deep mid blue turning darker in cool weather. Plants are dwarf and begin flowering early.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$3.00	\$5.50	\$10.00	\$19.00	\$36.00	\$69.00	\$129.00

Blue Magic—Considered the bluest of the Grandifloras. Plants are dwarf and compact. The flowers are a medium deep violet blue, slightly fringed and ruffled.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

Blue Mantle—Dwarf large flowering velvety violet blue flowers that are waved. Plant habit is dwarf, uniform and compact.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$36.00	\$65.00

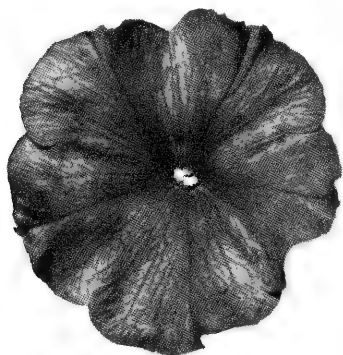
Psyche—Clear steel blue with darker veining—uniform in color and habit.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$36.00	\$65.00

MIXED

F1 Grandiflora—This is a carefully blended mixture made up of the best F1 Grandifloras in both the fringed and waved varieties.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00



PETUNIA RED SATIN

PETUNIAS

F1 HYBRID MULTIFLORA

RED SHADES

The F1 Hybrid Multiflora Petunias have flowers that correspond in size and character to the old Nana Compacta types. At this point the comparison ends. The advantage of the F1 is that they have greater vigor and greater flowering capabilities. Furthermore by producing seed from selected parents, the breeder has complete control over plant habit, such as stabilizing uniformity and reducing undesirable habits. This group makes an outstanding display starting to flower early and continuing on until late in the season.

Aztec—This improved strain is earlier and more compact growing. Blooms of brilliant scarlet red with gold throat. Resembling a smaller version of Fire Dance.

Comanche Improved—One of the most popular varieties. Considered the reddest red Comanche has been continuously improved upon. The plants are dwarf and compact, holding their form throughout the entire season.

Firebird—Flower color is intense orange red with gold throat. Plants are compact, vigorous and very floriferous.

Inca—Rich, bright rose-red with gold throat. Plants are free blooming, dwarf and compact.

Red Glow—(Alpha Red)—Bright scarlet red. Very free flowering and very compact plants.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$35.00	\$60.00

Red Satin—This was an All American winner several years ago. The vivid scarlet color is quite outstanding. This is the forerunner of a class that is being bred for its dwarf mound like growth. Its ability to retain this form and not break open in the center makes this a most desirable variety.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$2.25	\$4.00	\$7.50	\$14.50	\$26.00	\$46.00	\$82.00



CORAL SATIN

PETUNIAS

F1 HYBRID MULTIFLORA

ROSE AND PINK SHADES

Coral Satin—**ALL-AMERICA SELECTIONS**

The award winner for 1961. Dwarf and very uniform, globe shaped plants are completely smothered in a blanket of striking coral rose. The color which is deeper than the earlier variety, **Peach Satin**, plus the complete uniformity of habit, make this the outstanding variety for this season.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.
\$2.50	\$4.50	\$8.00	\$15.50
$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	
\$30.00	\$57.00	\$108.00	

Peach Satin—Early blooms of coral pink which gradually change to a soft salmon as blossom ages. Vigorous habit.

Pink Satin—Very uniform globe shaped plants which are extremely floriferous. Flowers are brilliant rose pink, with small white area deep in the throat of the bloom. Few if any other bedding plant items can compare with **Pink Satin** for uniformity and long term production in the garden.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$1.75	\$3.50	\$6.50	\$11.70	\$20.00	\$35.00	\$60.00

Bridesmaid—(New)—Rich rose with large contrasting white throat. Dwarf vigorous habit and ability to stand up well in wet weather, should make this a very well accepted addition.

Bo-Peep—A truly pleasing bright rose pink which is broken only by a small white throat in each of the numerous blossoms, along with good dwarf and uniform habit, make this a very popular and desirable bedding item.

Cherokee—(New)—The rich deep rose-pink color and earliness of bloom, along with its very uniform habit will no doubt make this a hit.

Linda—Plants which are compact, vigorous and very free flowering, with blooms of a clear light salmon pink.

Venus—Vigorous, spreading plants which freely produce a maze of clear bright celestial rose pink blooms above the foliage.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$1.75	\$3.50	\$6.50	\$11.70	\$20.00	\$35.00	\$60.00

PETUNIAS

F1 HYBRID MULTIFLORA

BLUE SHADES



PETUNIA BLUE RIBBON

Blue Ribbon—This is one of the outstanding Blue Multifloras. The plant habit is slightly larger than the Satins. It is considered one of the most reliable violet blue Petunias that does well in all areas.

Tr. Pkt.	$\frac{1}{2}$ 28 oz.	$\frac{1}{4}$ 64 oz.
\$2.25	\$4.00	\$7.50
	$\frac{1}{2}$ 2 oz.	$\frac{1}{16}$ oz.
	\$14.50	\$26.00
	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
	\$46.00	\$82.00

Indigo Glow—(New)—Plants compact and very free flowering with blooms of a rich indigo blue.

Mercury—Flowers slightly star shaped are a clear, medium light blue with light yellowish throat. Very dwarf and compact but with plenty of vigor. Blue color compares to varieties Heavenly Blue or Silver Blue.

Neptune—Weather resistant, vigorous, dwarf compact plants which produce freely blooms of a rich medium violet blue.

Purple Glow—(Alpha Purple)—Lustrous deep purple flowers are produced in abundance on very compact, semi-spreading plants.

Sugar Plum—A new and distinct Petunia that was introduced several years ago and is gaining in popularity by leaps and bounds. The orchid pink flowers are pencilled and shaded a rich orchid purple. Flowers are borne in great profusion on mound like plants. This is truly an outstanding variety. Seeing Sugar Plum in various trials it seemed to be less susceptible to rain damage than others.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	$\frac{1}{2}$ 28 oz.	$\frac{1}{4}$ 64 oz.	$\frac{1}{8}$ 2 oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$35.00	\$60.00



PETUNIA POLARIS

PETUNIAS

F1 MULTIFLORA

BI-COLOR AND
STARRED VARIETIES

Comet—Plants are compact and vigorous, producing blooms of a bright warm crimson red, each with a perfect white star.

Satellite—Profuse early flowering plants are dwarf and compact having blooms of bright rose with contrasting perfect white star.

Glitters—

—Bright fire chief red ground color, with contrasting white stripes. Extra dwarf compact and free flowering.

Polaris—(New)—This distinctive new starred variety promises to be one of the outstanding additions to the garden. The flowers are deep violet blue with white star. It is free flowering and makes a bright outstanding spot in the garden.

Space Star—Striking bright rose red with pure white star. Plants are dwarf and compact with colors both brilliant and appealing.

Star Flight—Rich purple with white star, color of variety Elks Star but more uniform both in markings and plant habit.

The Clown—Blooms are large and of an attractive salmon red with contrasting white stripes, giving a starred effect.

WHITE

Jack Frost—Compact uniform plants which are literally blanketed with sparkling white blooms.

Pale Face—Plants vigorous, dwarf, compact and very uniform. Blooms which are pure white are freely produced.

White Harmony—Medium early flowering with fairly large pure white flowers which are produced in abundance. Plant habit very dwarf yet vigorous. Excellent producer.

White Satin—This is a welcome addition to the "Satin" series. The flowers are pure white and have a slight crepe effect in the petals. Early flowering. This variety combined with "Red Satin" makes a nice splash of color in the border.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$2.25	\$4.00	\$7.50	\$14.50	\$26.00	\$46.00	\$82.00

MIXED

Gloekners F1 Hybrid Multiflora Mixture—A formula blend using only the varieties which we feel are the outstanding items in each color group.

PRICES OF ALL OF THE ABOVE VARIETIES EXCEPT WHERE NOTED

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$35.00	\$60.00

ALL DOUBLE PETUNIAS

PAN AMERICAN STRAINS

This is an exceptionally fine strain of All-Double Petunias bred and grown in the United States. It is considered one of the leading strains bearing large double blooms in the most popular colors.

Allegro—Buds are scarlet salmon, which open to a bright deep salmon. Flowers fully fringed. Plants are dwarf and uniform.

Caprice—Fully fringed blooms of a bright rose are borne on uniformly dwarf and vigorous plants.

Lyric—(New)—Light salmon pink, compact habit with very large fully double flowers.

Minuet—Medium sized lavender tall grower. Should be pinched.

Nocturne—Medium sized blooms of deep violet purple, produced on dwarf compact plants.

Presto—Brilliant rose and white variegated. A double version of Crusader. Large fringed flowers on dwarf compact plants.

PETUNIA "LYRIC"

Rhapsody—Flowers are burgundy wine-purple, on vigorous dwarf plants.

Sonata—Large pure white flowers which are deeply fringed. Medium dwarf vigorous plants.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{6}$ oz.
\$4.50	\$8.50	\$16.00	\$29.50	\$58.00

Glorious Mixed—A balanced complete mixture of the Pan-American All Double Varieties.

Gloekners All Double Mixed—A formula blended mixture which we consider the "Tops". It consists only of the most outstanding and popular varieties available.

Canadian Mixed Improved—A very desirable mixture of doubles having a more balanced color range through the addition of shades which had been lacking in the past.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.
\$4.00	\$7.50	\$14.50	\$28.00

ALL DOUBLE PETUNIAS—Continued

JAPANESE VICTORIOUS AND
GIANT VICTORIOUS STRAINS

Attraction—Rich bright rose and white variegated. Medium dwarf habit and slightly deeper in color than Gaiety.

Blue Monarch—Dark blue-purple (Improved Blue Brocade). Large fully double flowers.

Gaiety—Extra dwarf base branching plants having medium sized blooms which are striped and mottled bright rose pink and white. The most popular of the Japanese Doubles.

Pink—Habit is dwarf and vigorous, with large flowers of a uniform soft salmon pink.

Purple Queen—Large rich velvety purple flowers which are fully double and well fringed.

Rosy Carmine—(World Beauty)—Plants are uniform and dwarf with blooms of rich deep rose.

White Swan—Well fringed, large white flowers. This variety is improved over all victorious whites yet offered.

Mixed—Formula blend of the best Japanese varieties.

PRICES OF THE ABOVE VARIETIES

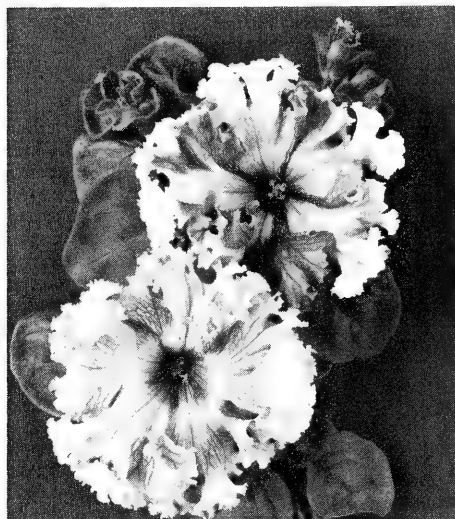
Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.
\$4.00	\$6.50	\$12.00	\$22.00



CHERRY TART

Cherry Tart—(New)—Medium size, carnation type blooms of rich cherry rose and white literally cover the entire plant. Plant habit is excellent, being not only dwarf and compact but also vigorous and very free blooming. Makes an ideal bedding item, plus something different for combinations.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.
\$3.00	\$5.50	\$10.00
$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.
\$19.00	\$36.50	\$69.00



FLUFFY RUFFLES

GRANDIFLORA COMPACTA
(Single Fringed—Dwarf)

	Tr. Pkt.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.
Gaiety —Rose and white.....	.80	\$1.75	\$3.00
Innocence —(Fringed Snowstorm). Pure white flowers; dwarf.	1.00	2.50	3.75
Lace Veil —Pure white.	.85	2.00	3.50
Setting Sun —Deep rose.....	.85	2.00	3.50

GRANDIFLORA F2

	Tr. Pkt.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.
Carnival —A mixture of fringed and ruffled flowers, typical of the grandiflora type, consisting of wide range of colors, including solids and bi-colors.....		\$1.50	\$3.85 \$7.00

GRANDIFLORA
SINGLE PLAIN EDGED

(Approx. 230,000 seeds per oz.)

Dazzler —Brilliant scarlet, compact.			
Tr. Pkt.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	
\$.75	\$1.50	\$2.75	
Dwarf Elks Pride —Dwarf dark velvety purple.			
Pink Glory Improved —Flame rose pink, very compact.	\$.85	\$2.00	\$3.50
Popcorn —Pure white.			
\$1.50	\$2.75	\$5.00	
Royalty —Large ruffled flowers in a combination of purple and white.			
Snowstorm Improved —Glistening white, shaded yellow in throat.			
\$.85	\$2.00	\$3.50	

PETUNIAS

GRANDIFLORA
SINGLE FRINGED

(Approx. 230,000 seeds per oz.)

Dainty Lady—Very pale yellow.

Tr. Pkt.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.
\$1.00	\$2.25	\$3.75

Theodosia Improved—Largest fringed rose, gold throat.

\$.90	\$1.80	\$3.30
--------	--------	--------

White Beauty

\$.75	\$1.50	\$2.75
--------	--------	--------

Fluffy Ruffles Mixed

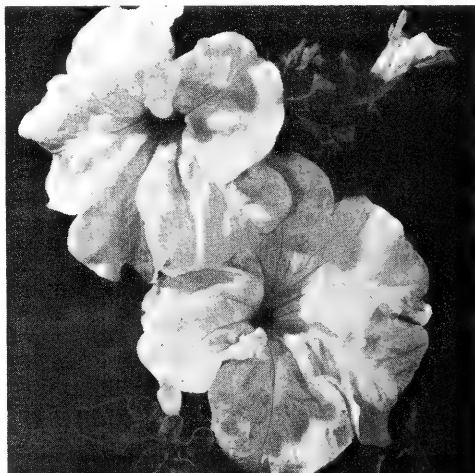
\$.60	\$1.50	\$2.75
--------	--------	--------

BALCONY

Vigorous, spreading or semi-trailing habit.

Blue—Crimson—Rose—Star of Calif.—Royal Rose—White Mixed

Tr. Pkt.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	Oz.
\$.40	\$1.25	\$2.25	\$6.75



PETUNIA SNOWSTORM IMPROVED

PETUNIAS

DWARF GIANTS OF CALIFORNIA

(Approx. 160,000 seeds per oz.)

Ramona Strain—(Select)—A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open, well-marked throats.

Dwarf Continental Giants—A selected dwarf strain in an exceptionally fine mixture.

Multibloom Mixed—Typical giant type blooms but produced on plants which are more dwarf and compact than usual.

Tr. Pkt.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.
\$1.75	\$2.75	\$5.00	\$9.50

CALIFORNIA RUFFLED GIANTS (Large Throated)

(Approx. 180,000 seeds per oz.)

	Tr. Pkt.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.
Ruffled Monster Mixed	\$.75	\$1.50	\$2.50

NANA COMPACTA FRINGED

Little Giant Mixed—(Ruffled)—Extra large, well ruffled flowers with open throats. Dwarf Giants of California Type in form and size.

	\$.75	\$1.50	\$2.75
--	--------	--------	--------

Little Giants, Pink Shades—Same as above but pink only

	1.00	1.75	3.00
--	------	------	------

HYBRIDA NANA ERECTA (Dwarf Hybrid Class)

(Approx. 280,000 seeds per oz.)

	Tr. Pkt.	$\frac{1}{4}$ oz.	Oz.
Admiral —Dwarf blue. Flowers ruffled at edge. 1/64 oz. \$1.75; 1/32 oz. \$3.00; 1/16 oz. \$5.25	\$.85		
Blue Bedder —Mid blue	.40	\$1.35	\$4.25
Celestial Rose Improved —Deep rose, very compact	.60	2.25	6.50
Fire Chief —True scarlet. 1/16 oz. \$1.65; 1/8 oz. \$3.00	.50	5.00	15.00
Rose of Heaven Improved —Very dwarf	.50	1.50	5.25
Rosy Morn Improved —Very dwarf	.50	1.50	5.25
Sky Chief —Compact plant. Pale blue. A little lighter than heavenly blue	.50	1.75	6.00
Snowball —Pure white, compact	.50	1.75	5.50
Twinkles —Brilliant rose starred white	.60	3.00	9.00
Velvet Ball —Dark red. Almost identical to King Henry but a better variety for bedding. 1/16 oz. \$1.00; 1/8 oz. \$1.85	.75	10.00	
Violacea —Deep velvety purple	.50	1.40	4.50
Choice Mixed	.50	1.75	6.00

PHLOX DRUMMONDI

(Approx. 17,500 seeds per oz.)

Annual phlox is one of the most showy bedding plants for the border and is gaining in popularity each year. The dwarf compact plants covered with bright colored flowers are quite colorful.

*Gloeckner***SPECIAL STRAIN MIXED**

This is an exceptionally dwarf strain of phlox especially adapted to pot culture for spring sales. The mixture of colors are well balanced and bright with fine individual flower heads.

This strain has been well tried in many localities as we have had it for a number of years in very limited quantities.

Tr. Pkt.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	Oz.
\$1.00	\$2.00	\$3.50	\$6.00

NANA COMPACTA

	Tr. Pkt.	$\frac{1}{4}$ oz.	Oz.		Tr. Pkt.	$\frac{1}{4}$ oz.	Oz.
Apricot.....	\$.40	\$1.00	\$3.25	Snow Ball—			
Fireball—Fiery red..	.40	1.00	3.25	Pure white.....	\$.40	\$1.00	\$3.25
Isabellina—Yellow..	.40	1.00	3.25	Mixed.....	.40	1.00	3.25

DWARF STAR PHLOX

Twinkle—(Mixed)—All-American Compact plants, good color range. Blooms very early in flats and continues well into the summer.

Tr. Pkt.	$\frac{1}{4}$ oz.	Oz.
\$.75	\$2.35	\$7.00

GIGANTEA

Art Shades Mixed—A strain of Phlox Drummondi with flowers measuring $1\frac{1}{4}$ to $1\frac{1}{2}$ inches in diameter. The habit is erect and uniform, growing from 9 to 12 inches tall.

Tr. Pkt.	$\frac{1}{4}$ oz.	Oz.
\$.45	\$1.00	\$3.50

PORTULACA

(Approx. 307,000 seeds per oz.)

Jewel—(Single)—Deep carmine.

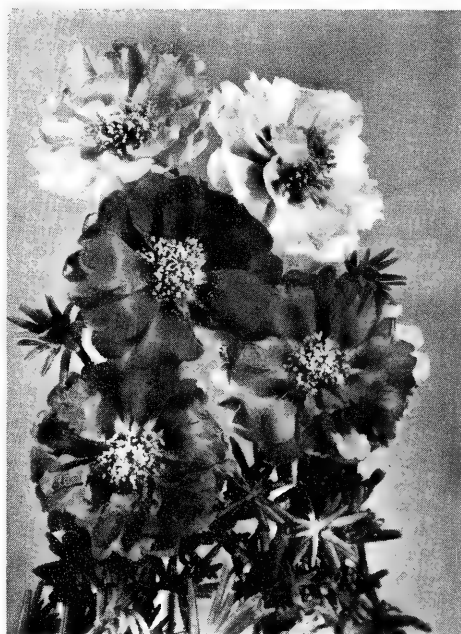
Tr. Pkt.	$\frac{1}{4}$ oz.	Oz.
\$.30	\$.75	\$2.75

All Double Mixed—Large flowering mixed.
Extra fine quality.

\$.50	\$1.25	\$4.00
--------	--------	--------

Single Mixed—Large flowering mixed.

\$.25	\$.70	\$2.35
--------	--------	--------

**PORTULACA DOUBLE MIXED**

PRIMULA

MALACOIDES

Glory of Riverside Imp.—True rose pink.

White Giant—Pure white.

Lavender—Shades of lavender.

Mrs. Eriksson of Riverside—A glowing rose-red.

Red—Glowing red.

Mixed

PRICES OF THE ABOVE VARIETIES

Tr. Pkt. \$1.25

1/64 oz. \$2.75

Tr. Pkt.

Springtime—An attractive Salmon-pink that does not fade with age. \$2.00

Flamingo—Clear pink flowers, strong, compact plants. 2.50

OBCONICA (Approx. 4,000 seeds per 1/32 oz.)

A valuable pot plant item which sells on sight. These brightly colored primulas are sown from January on for Christmas and early winter sales.

Fasbender Red
Mohnstein Red

Mueller Rose
White—(Snowstorm)

Blue
Mixed

PRICES OF THE ABOVE VARIETIES

Tr. Pkt. \$1.25

1/64 oz. \$2.75

RICINUS (Castor Beans)

(Approx. 30 seeds per oz.)

Red Spire—Bronze foliage with crimson stems and red fruit.

Oz.	1/4 lb.	Lb.
\$.45	\$1.40	\$4.50

Zanzibariensis Mixed—Very richly colored foliage. Enormous plant, on good soil growing 10' high.

Oz.	1/4 lb.	Lb.
\$.20	\$.60	\$2.00

RUDBECKIA

Double Gloriosa Daisy—(New)—An All American winner for 1961. Is excellent in the semi-tall area of the garden and is also fine for cutting. The golden yellow double and semi-double flowers are large and borne on stems about 18" long. Plants attain a height of 3 feet.

Tr. Pkt.	1/16 oz.	1/8 oz.	1/4 oz.	Oz.
\$1.00	\$1.50	\$2.50	\$4.50	\$12.00

Gloriosa Daisy—Mixture of bright yellow rich mahogany and bi-color flowers. Height 3 foot.

Tr. Pkt.	1/16 oz.	1/4 oz.	Oz.
\$.85	\$1.50	\$2.50	\$7.50

Goldflame—Annual with large golden yellow flowers and crimson center. Height 12 inches.

Tr. Pkt.	1/16 oz.	1/4 oz.
\$.65	\$2.00	\$6.00

SALPIGLOSSIS

(Approx. 105,000 seeds per oz.)

EMPEROR OR SUPERBISSIMA

	Tr. Pkt.	Oz.
Finest Mixed	\$.25	\$1.80

SCABIOSA (Old Maid's Pincushion)

(Approx. 4,000 seeds per oz.)

LARGE FLOWERED TALL DOUBLE

Ageratum Blue—Mid blue.

King of the Blacks—Reddish black.

Loveliness—Salmon rose shades.

Rosette

Shasta—Pure white, very large.

Special Mixture

PRICES OF ABOVE VARIETIES

Tr. Pkt. . . . \$.30	Oz. \$2.50
-----------------------	--------------------

IMPERIAL GIANTS

Blue Moon—Flowers composed entirely of broad, heavy, wavy petals. Rich in deep lavender blue.

Bridesmaid—Salmon pink shades.

Coral Moon—Deep and light shades of Salmon Rose.

Lavender Moon—Silvery lavender, long-stemmed.

Silvermoon—Purple paper white.

Imperial Hybrids Mixed—Large flowers with strong stems. Mixed salmon and rose shades.

PRICES OF ABOVE VARIETIES

Tr. Pkt.	1/4 oz.	Oz.
\$.25	\$.75	\$2.25

SALVIA



SALVIA ST. JOHN'S FIRE

FARINACEA (Blue Sage)

Blue Bedder—Medium lavender-blue, 3 ft.

Tr. Pkt.	¼ oz.	Oz.
\$.50	\$1.25	\$4.00

Royal Blue—This strain has been reselected and is noticeably improved over other blue selections. Color is a rich deep blue.

Tr. Pkt.	¼ oz.	Oz.
\$.60	\$1.50	\$5.00

SPLENDENS (Scarlet Sage)

(Approx. 7,500 seeds per oz.)

This beautiful scarlet-flowered annual is gaining in popularity and is constantly in demand by homeowners. From July until frost it blooms profusely and is handsome in combination with white and/or pink petunias. It also may be recommended to plant in borders beside chrysanthemums for a striking fall color display. Seed should be sown in March in flats to which bottom heat is given to speed germination. From seedling to finished plant, no soil sterilized with methyl bromide should be used.

EXTRA DWARF	Tr. Pkt.	¼ oz.	Oz.	¼ lb.
Scarlet Pygmy —10" compact plants, early blooming.....	\$1.00	\$3.00	\$10.00	\$33.00

DWARF AND MEDIUM	Tr. Pkt.	¼ oz.	Oz.	¼ lb.
Blaze of Fire —16 inches.....	\$.85	\$2.25	\$7.25	\$24.00

Fireworks —10-14 inches. Improves St. John's Fire in its earliness of bloom and dwarf compact growth.....	1.00	3.00	10.00	33.00
--	------	------	-------	-------

Firemagic —10-12 inches.....	1.00	3.00	10.00	33.00
-------------------------------------	------	------	-------	-------

Firebrand —18 inches.....	.85	2.25	7.25	24.00
----------------------------------	-----	------	------	-------

Salmon Pigmy —Salmon-pink companion of the popular scarlet pygmy.....	1.00	6.00	18.00	54.00
--	------	------	-------	-------

St. John's Fire —12 inch.....	1.00	2.75	9.00	30.00
--------------------------------------	------	------	------	-------

Toreador —Dwarf, improvement of St. John's Fire.....	1.00	3.00	10.00	33.00
---	------	------	-------	-------

TALL	Tr. Pkt.	¼ oz.	Oz.	¼ lb.
America —(Globe of Fire)—20 inch.....	\$.65	\$2.00	\$6.00	\$20.00

Bonfire —(Clara Bedman)—26 inch.....	.60	1.50	5.25	17.50
---	-----	------	------	-------

Splendens —Original late-flowering variety, 30 inch.....	.45	1.40	4.50	15.00
---	-----	------	------	-------

Zurich —25 inches.....	.65	1.50	5.25	17.50
-------------------------------	-----	------	------	-------

SCHIZANTHUS

(Approx. 43,000 seeds per oz.)

Late summer sowing planted after early Chrysanthemums should flower in March. If additional light is used from October 25, blooming will start in January.

	Tr. Pkt.	1/8 oz.	1/4 oz.
Angel Wings —Compact, conical plants are extremely uniform. Blooms in a wide range of brilliant colors. All have contrasting gold centers.....	\$.60	\$1.80	\$3.25
Dr. Badger's Hybrids —A highly colored large-flowered strain of medium height. Suitable either for pots or cutting.....	.50	.80	1.25
Excelsior Compactus Mixed —Very dwarf (10" approx.) for pots.	.60	1.80	3.25

SHAMROCK

For effective plants on March 17 seed is sown between Christmas and New Years on top of prepared pots as thickly as you would sow grass seed. This insures nice saleable pots.

	Tr. Pkt.	1/4 oz.	Oz.
True Irish	\$.20	\$.35	\$1.20

STATICE

IMPROVED STRAIN

American Beauty—Rose.

Gold Coast—Brilliant yellow.

Iceberg—Pure white.

Roselight—Clear rose.

Apricot—Pastel shades.

Belladonna Blue—Light blue.

Midnight—Deep blue.

Twilight—Medium Lavender.

MIXED

Tr. Pkt.	Oz.	4 oz.	Lb.
\$.50	\$1.50	\$5.00	\$15.00

REGULAR STRAIN

Heavenly Blue

Kempfs Blue

Rosa Superba

Yellow

Market Rose

Lavender

Snow Witch

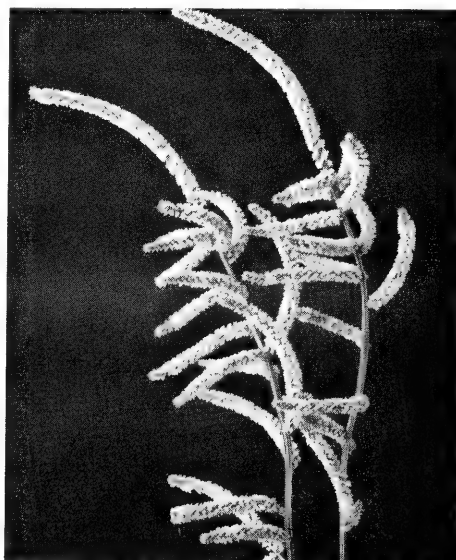
Mixed

Tr. Pkt.	Oz.	4 oz.	Lb.
\$.25	\$.75	\$2.50	\$7.50

STATICE SUWOROWII

RUSSIAN OR RAT TAIL STATICE

	Tr. Pkt.	Oz.
Long lavender spikes. Use- ful statice for greenhouse forcing.....	\$.30	\$3.00



STATICE SUWOROWII

STOCKS

(Approx. 18,700 seeds per oz.)

STOCK CULTURE

Stocks are very satisfactory for Winter and Spring flowering. Sowing the seeds in August and benching in October, the first flowers may be cut before Christmas if additional light (40-60 watt lamps spaced 5 feet) is used. Without this aid, the crop will come into flower in January. Continuity of bloom may be obtained by successive sowings to about the middle of February. This non-branching type, which has come into general use, should be planted 3 inches in the row and 6 inches between rows, producing a single stem. The branching types should be planted 8 x 8 inches and topped when 6 inches tall to produce side shoots of sufficient length.

Flowering of stocks only occurs when the temperatures are below 60 degrees for the greater part of the night. To secure the greatest percentage of doubling, the largest and most vigorous plants should be selected.

SOWING DATES FOR NON-BRANCHING STOCKS

Sowing Time	Flowering
August 1	January
September 1	February
October 1	March
November 1	April

Sowing Time	Flowering
December 1	May
January 1	Mother's Day
February 1	June
February 15	June 15

NON-BRANCHING
EXCELSIOR COLUMN STOCKS

Apricot—Rich apricot tinged pink.
Long spikes.

Deep Apricot.

Purple Heart—Bright violet purple.

Ruby Improved—Bright scarlet
crimson.

White No. 16.

Enchantress Pink—Deep blush
pink. Large flowered.

Gardenia—Glistening white.

Pacific Blue—Clear mid blue.

Pacific Pink—Pure pink. Outstand-
ing under artificial lights.

Pacific Yellow—Early. Improves
Yellow Wonder.

Rose Pink.

Silvery Lilac.

Twilight Lavender—Deep lavender,
excellent under artificial lights.

White Goddess—Early. Has perfect
stems for cutting and shipping.

Formula Mixed.

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.
\$1.25	\$2.75	\$10.00



STOCK TRYSONIC

STOCKS

TRYSSOMIC GIANT IMPERIAL

Produces 85 per cent or more double-flowered plants. When the seedlings reach the four-leaf stage, pick out the small, weak ones that will develop into singles and insure close to 100 per cent double-flowering plants.

Fiery Red	Canary Yellow	White
Bright Rose	Lilac Lavender	Choice Blend
Chamois	Navy Blue	

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
\$1.75	\$2.75	\$5.00	\$18.00

BRANCHING
GIANTS OF CALIFORNIA

When grown similarly to the non-branching type, remove side shoots to branch. Space 8 x 8 inches and top when six inches tall.

Pacific—Blue	Santa Maria—White
Red Woods—Blood red	Tahoe—Lavender
Santa Barbara—Chamois	Yosemite—Rose pink

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	1/4 oz.	Oz.
\$.40	\$1.40	\$4.50

BISMARCK (Early Giant Imperial)

Popular with the florists for a cut flower. Also excellent for bedding.

Buttercup	Flesh—Bright flesh
Chamois—Rose	Golden Rose
Dark Blue	Lavender
Elk's Pride—Rich	White
deep purple	Formula Mixed
Fiery Blood Red	

PRICES OF ABOVE VARIETIES

Tr. Pkt.	1/4 oz.	Oz.
\$.40	\$1.25	\$4.00

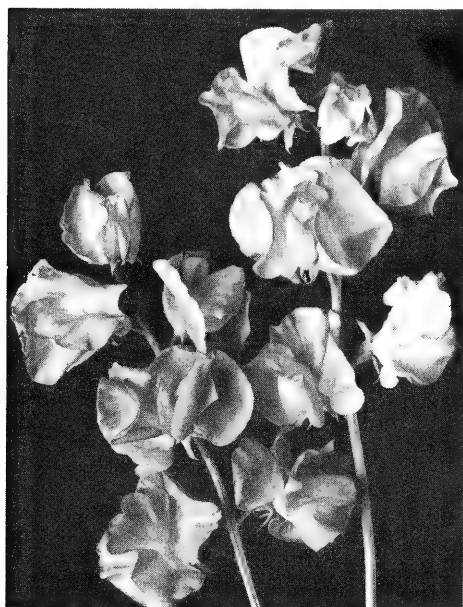
DWARF TEN-WEEK

Large flowering for pot plants and bedding.

Blood Red	Lavender
Canary	Purple
Yellow	White
Carmin	Mixed—All
Deep Rose	colors

PRICES OF ABOVE

Tr. Pkt.	1/4 oz.	Oz.
\$.30	\$1.00	\$3.00



SWEET PEA MULTIFLORA

MULTIFLORA CLASS

A new, free-flowering class of Sweet Pea which produces many stems with five and six flowers. Stems are exceptionally long as well, making this a profitable market variety. Sow from mid July through November.

- Beauty Rose**—Rich crimson rose.
- Blue Wonder**—Clear medium blue.
- Christmas Red**—Crimson.
- Cranberry Red**—Crimson with rose undertone.
- Elks Purple**—Deep purple.
- Deep Rose**—Deep coral rose.
- Lavender**—Clear lavender.
- Orange Scarlet**—On white ground.
- Valentine**—Rich salmon cerise on cream white.
- Whirlwind**—Light cream pink.
- Pure White**—White seeded.
- Mixed.**

PRICES OF ABOVE VARIETIES

½ oz.	Oz.	¼ lb.	Lb.
\$.90	\$1.50	\$5.00	\$16.50

SWEET PEAS

(Approx. 340 seeds per oz.)

EARLY WINTER FLOWERING

Sow from July to September.

BLUE

- Blue Boy**—Large dark blue.
- Mariner**—Clear blue.
- Princess Blue**—Vigorous belladonna blue.
- Waves**—Large ruffled mid-blue.

LAVENDER

- Harmony**—Clear lavender.
- Memory**—Wavy rosy lavender.

PINK

- Giant Rose**—Extra large rose pink
- Nugget**—Salmon pink.
- Shirley Temple**—Soft rose.
- Zvolaneks Salmon**—Salmon cerise.
- Vivian**—Carmine rose on white.

RED

- Kate Smith**—Long stem scarlet.
- Mars**—Deep crimson.
- Vulcan**—Sunproof scarlet.

WHITE

- Hope**—Pure white, black-seeded.
- Snowstorm**—Pure white, white-seeded.
- White Giant**—Pure white, white-seeded (Florets in fours).

PRICES OF ABOVE VARIETIES

Oz.	¼ lb.	Lb.
\$.55	\$1.65	\$6.00



SWEET PEAS

SPRING FLOWERING

CUTHBERTSON AND FLORIBUNDA STRAINS

The Cuthbertson Strain is recommended for sowing after November 1. It requires strong spring sun for best bloom.

This strain flowers two weeks later than the early spencers, and two to three weeks earlier than the summer flowering varieties when sown outdoors in the north.

Catherine—Clear cerise on white ground.

Carol—Strong growing clear pink.

Coline—Vigorous sunproof scarlet.

Daisy—A pure black seeded white.

Danny—Navy blue.

Doris—Deep cherry rose.

Evelyn—Salmon cream pink.

Frank G.—Strong growing lavender.

Jimmy—Deep scarlet.

Jessie—Wavy flowers of clear satin mauve.

Lois—Rose pink on white background.

Robert—Clear medium blue.

Mixed.

PRICES OF THE ABOVE VARIETIES

$\frac{1}{2}$ oz.
\$.35

Oz.
\$.55

$\frac{1}{4}$ lb.
\$1.65

SUMMER FLOWERING

WHITE

- Gigantic**—White-black seeded.
- Snow White.**

LAVENDER

- King Lavender**—Clear lavender.
- Highlander**—Pure lavender.
- Powerscourt**—Large lavender.

PINK

- Pinkie**—Large rose pink.
- Radar**—Shrimp pink.
- Floradale**—Rich salmon pink on cream ground.
- Pat Unwin's**—Rich cream pink.

BLUE

- Reflection**—Clear mid blue.
- Flagship**—Deep navy blue.

RED

- Welcome**—Dazzling scarlet.
- Rubicund**—Crimson scarlet.

ORANGE

- Princess Elizabeth.**
- Tangerine Improved**—Fiery orange.

PRICES OF THE ABOVE VARIETIES

Oz.
\$.40

$\frac{1}{4}$ lb.
\$1.25

Lb.
\$4.00

THUNBERGIA — Black Eye Susan

(Approx. 1,300 seeds per oz.)

Alata—Climbing or trailing plants producing an abundance of flowers in shades of yellow, buff and orange with black centers... \$.35 \$.60 \$1.80

TORENIA

(Approx. 375,000 seeds per oz.)

Fournieri—12"—Rich combination of deep blue with violet splotches on lip. Good for Combinations, Pot Plants and Bedding.

Fournieri Compacta—8"—Dwarf form of the above.

PRICES OF ABOVE VARIETIES

Tr. Pkt.
\$.40

$\frac{1}{8}$ oz.
\$1.25

Oz.
\$2.25



TORENIA FOURNIERI

VERBENA

DWARF COMPACTA (An Extra Dwarf Type)

This class of Verbena is unmatched for its neat compact habit. The dwarf plants are covered throughout the season with large trusses of mammoth blooms. In addition to the dwarf compact growth there are no open spots in the plant so common in the regular strains.



VERBENA SPARKLE

Crystal—Pure white flowers produced in abundance.

Dazzle—Solid, scarlet-red flowers.

Delight—Coral-pink suffused salmon.

Sparkle—Bright scarlet red with large white eye.

Splendor—Royal purple with clear white eye.

Sparkle Hybrid Mixed—Neat dwarf compact habit. Plants completely covered with giant size florets. Complete color range.

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.
\$.50	\$1.50	\$4.50

HYBRIDA GRANDIFLORA GIGANTEA

A popular bedding plant due to its free flowering qualities. Seed must be sown early to get good plants for Spring.

Beauty of Oxford Hybrids—Rose pink to rose shades.

Marliyn—A fiery cerise rose with small cream eye.

Cerise Queen—Salmon cerise.

Sutton's Blue—Deep royal blue without eye.

Crimson Glow—Glowing crimson.

White—Pure white.

Lavender Glory—Lavender with light eye.

Mixed.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.
\$.45	\$1.25	\$3.75

VERBENA — Continued

(Approx. 10,000 seeds per oz.)

Excellent for window boxes or combinations, Verbenas are also popular for bedding. To hasten germination seed should be sown in a 65° soil temperature. Because the plants tend to sprawl, they are easier to handle during the bedding sale season if they are pinched back early. Once established they may be grown at 50° night temperature.

BUSH-TYPE (Multiflora)

These new "Bush-Type" Verbenas are becoming very popular for their uniform, vigorous and upright growth. Eight to ten inches high, the plants are topped with a dense mass of flower heads.

Firelight—Vivid solid red.

Roselight—Bright rose, white eye.

Salmon Queen—Salmon-pink.

Snow White.

Starlight—Blue, cream eye.

Bush Type Blend—Brilliant mixture of above.

PRICES OF THE ABOVE VARIETIES

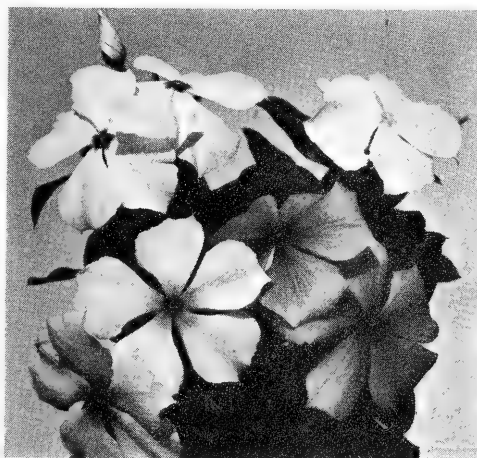
Tr. Pkt.	¼ oz.	Oz.
\$.55	\$1.30	\$4.00

GLOECKNER SPECIAL STRAIN MIXED

A fine mixture of dwarf Verbena for spring bedding plant sales. The plants are very dwarf in habit and have a splendid range of colors containing many of the eye types through the mixture.

Especially adapted to growing in 2¼" and 3" pots.

Tr. Pkt.	¼ oz.	½ oz.	Oz.
\$1.00	\$2.00	\$3.50	\$6.00



VINCA ROSEA MIXED

VINCA — (Periwinkle)

(Approx. 21,000 seeds per oz.)

One of the most ideal bedding items. Vinca Rosea is able to tolerate even the hottest, dry weather and still make a good show. Foliage is a lustrous dark green. For bedding sales sow late November through December as this is a slow starter.

TALL CLASS

Alba Pure—Pure white.

White with Eye.

Kermesina—Crimson.

Rosa—Pink.

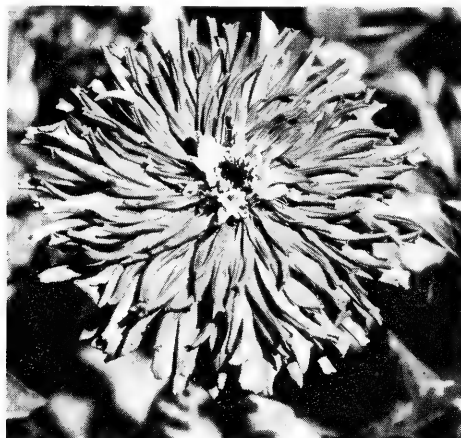
Mixed.

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.
\$.30	\$.60	\$2.00

DWARF TYPE

	Tr. Pkt.	¼ oz.	Oz.
Bright Eye —Pure white with rose eye. Same dwarf and compact habit as Little Pinkie.....	\$1.00	\$2.50	\$7.75
Little Pinkie (Coquette) —Plants attain height of approx. 10" and flowers are rose-pink, foliage deep green.....	.45	1.35	4.50
Rose Carpet (Creeping) —Rose colored flowers—has creeping habit instead of upright growth.....	1.00	3.00	9.00



ZINNIA CACTUS

Blaze—A brilliant combination of mandarin red and scarlet orange.

Tr. Pkt.	¼ oz.	Oz.
\$.50	\$1.00	\$3.00

Burpee Hybrids—Varied mixture of brilliant colors and blends.

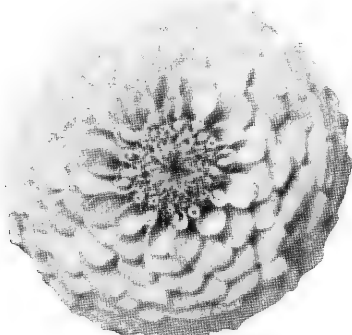
Floradale Scarlet—Vibrant red with twisted petals.

Riverside Beauty—Luminous pink with curled and twisted petals.

Sunny Boy—Rich buttercup yellow, flat reflexed petals.

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.	¼ lb.
\$.50	\$1.25	\$3.75	\$12.50



ZINNIA LILLIPUT

ZINNIAS

GIANT CACTUS FLOWERED

(Approx. 3,100 seeds per oz.)

Cherry Time—Shades of cherry, cerise and spirea red.

Dark Jewels—A blend of the darker, stronger colors in the cactus types. This mixture includes the most recent introductions.

Ice Cream Imp.—Large cactus flowered hybrid, true cream yellow.

Lilac Time—Shade of rich rosy lilac.

Pride of Deldrin—Bi-colored flowers, golden orange outside deepening to scarlet in the centers. Vigorous plants.

Snow Time—The nearest to white of any cactus flowered zinnia.

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.	¼ lb.
\$.50	\$1.25	\$3.75	\$12.50

LILLIPUT TOM THUMB

(Approx. 5,900 seeds per oz.)

Tr. Pkt. Oz.

Mixture—Plants 4"-6", compact with well formed flowers of the Lilliput type. In red, orange, yellow, pink, rose and pastel shades. \$.35 \$1.50

IMPROVED LILLIPUT

(Approx. 4,000 seeds per oz.)

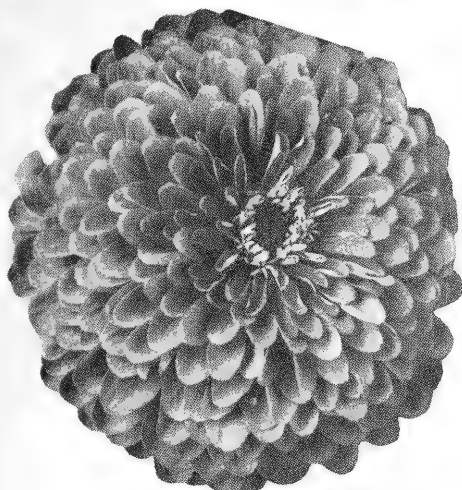
(Pompon or Baby Zinnias, Special Florists' Strains)

The Lilliputs are among the most popular Zinnias for cut flower use. The flowers are small, compact and symmetrical, on strong stemmed 1½ ft. plants.

Canary Gem	Rosebud
Crimson	Salmon Gem
Golden Gem	Scarlet Gem
Lilac Gem	White Gem
Pink Gem	Pastel Mixture
Purple Gem	Finest Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	½ oz.
\$.30	\$.50	\$.80
Oz.	¼ lb.	Lb.
\$1.50	\$5.00	\$15.00



ZINNIA DAHLIA FLOWERED

ZINNIAS — Continued

DAHIA FLOWERED

BODGER'S GOLD MEDAL STRAIN

(Approx. 3,000 seeds per oz.)

The center petals of this popular class incurve giving the blooms a deep, full appearance.

Canary Bird—Rich canary yellow.

Crimson Monarch—Deep crimson.

Dream—Deep lavender.

Eldorado—Salmon apricot.

Exquisite—Light rose, deep rose center.

Golden Dawn—Golden yellow.

Golden State—Golden orange.

Illumination—Deep rose self.

Luminosa—Bright deep pink.

Oriole—Orange and gold bi-color.

Polar Bear—Large pure white.

Purple Prince.

Scarlet Flame—Bright scarlet.

Will Rogers—Brilliant scarlet red.

Finest Mixed.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	¼ oz.	½ oz.	Oz.	¼ lb.	Lb.
\$.30	\$.50	\$.85	\$1.50	\$5.00	\$14.50

ZINNIAS — MISCELLANEOUS

	Tr. Pkt.	¼ oz.	Oz.
Fantasy Mixed —A colorful blend of shaggy petaled double flowers of medium size. Good for cutting.....	\$.30	\$.60	\$1.80
Merry-Go-Round —Mixture of bi-colors with cactus and semi-cactus flowers. Colors contrast very sharply in each flower.....	.75	2.00	6.00
Miss Universe —Large, fully double flowers of semi-cactus type, are produced on compact, bushy plants. Excellent color range.....	.40	1.25	3.75
Navajo Mixed —(Gaillardia Flowered)—1½" flowers which resemble Pica Double Gaillardia, in both form and color.....	.35	.85	1.50
New Century Mixed —Large double blossoms are produced on sturdy 2½-3' plants. Complete color range.....	.75	2.00	6.00
Ortho Polka —Blooms striped and mottled like Giant Peppermint Stick, but produced on much larger and sturdier 3' plants.....	.50	1.25	3.75
Peppermint Stick —Contains a wide color range of Pumila-type flowers, 60% of which are beautifully striped. An improvement over previous striped strains.....	.35	.75	2.25
Persian Carpet —Fully double, variegated, miniature flowers are produced on everblooming mound shaped plants.....	.50	1.50	4.50
Red Riding Hood —(Gracillima Type)—Miniature deep scarlet flowers on plants 1½-2'.....	.25	.85	1.50
State Fair —(New)—Mixture of Tetra Zinnias in a complete range of colors.....	.30	.80	2.40

F1 HYBRIDS

	Tr. Pkt.	¼ oz.	½ oz.	Oz.
Poly Pink —(New)—Compact plants producing many medium size semi-cactus flowers.....	\$.85	\$1.65	\$5.00	\$15.00
	Tr. Pkt.	¼ oz.	Oz.	
Trail Blazer —(New)—Double and semi-double brilliant red flowers with yellow centers.....	.90	3.25	12.00	



ZINNIA PINK LADY

- Brightness**—Bright pink.
Cherry (Cerise) Queen—Rich crimson.
Crimson Queen—Rich crimson.
Daffodil Improved—Canary yellow.
Enchantress—Light rose, deep rose center.
Golden Queen—Golden yellow.
Grenadier—Bright dark red.
Isabellina—Creamy buttercup.
Lavender Queen—Deep rosy lavender.

ZINNIAS

GIANT CALIFORNIA OR MAMMOTH FLOWERED

(Approx. 3,150 seeds per oz.)

The plants, which are three to four feet in height, are taller than the Dahlia Flowered class and have long stems which adapt them for use as a cut flower. The large flat flowers with imbricated petals give a graceful effect. Their colors are brilliant and clear.

Pink Lady—Bi-color with pink center and cream and buff outer petals.

Tr. Pkt.	¼ oz.	Oz.
\$.55	\$1.00	\$3.00

- Miss Willmott**—Soft pink.
Orange King—Cadmium or orange scarlet.
Orange Queen—Golden orange.
Purity—White, best white in Zinnias.
Rose Queen—Striking bright rose.
Salmon Queen—Salmon rose.
Scarlet Queen—Glowing deep scarlet.
Violet Queen—Deep purple.
Finest Mixed—From named varieties.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	¼ oz.	½ oz.	Oz.	¼ lb.	Lb.
\$.30	\$.50	\$.80	\$1.50	\$5.00	\$15.00

ELEGANS PUMILA DOUBLE

"CUT AND COME AGAIN"

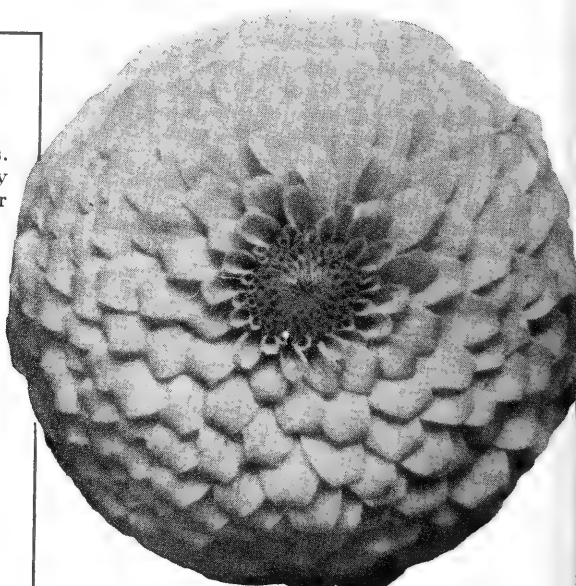
(Approx. 4,200 seeds per oz.)

Medium size flowers on long stems. This makes an ideal garden variety both as a tall border planting and for cutting.

- Canary Yellow.**
Crimson.
Golden Orange.
Pinkie—Rose pink.
Salmon Rose.
Scarlet.
Snowball.
Sunshine Tints—Pastel shades.
Tangerine—Orange red tinge.
Mixed.

PRICES OF THE ABOVE

Tr. Pkt.	Oz.	¼ lb.
\$.30	\$1.50	\$5.00



ELEGANS PUMILA

PERENNIALS

Home gardeners are discovering the landscape beauty of the easy-to-grow perennials listed on these pages. No spring sales yard is complete without a wide selection of perennials in baskets or pots for them to choose from. At present the most popular are Alyssum saxatile, aquilegia, English daisy, cerastium, Siberian wallflower, campanula, shasta daisy, coreopsis, foxglove, gaillardia, heuchera, candytuft, scabiosa, sweet William, and viola cornuta. Seed is best sown in spring for germination, is better when the weather is cool. The young plants are spaced in beds in early summer and they winter over well for spring sales. Indoor-sown seed in January or early February also produces saleable spring plants, many of which will be in bloom. Plan now to round out your plant offerings with the popular perennials.

ACHILLEA

	Tr. Pkt.	¼ oz.	Oz.
The Pearl (Ptarmica) —Double pure white flowers borne in dense heads.....	\$.30	\$1.25	
Cloth of Gold (Filipendula) —Large heads of golden yellow flowers on long stems. Good for cutting.....	.30	1.25	

AGROSTEMMA

	Tr. Pkt.	¼ oz.	Oz.
Coronaria Atrosanguinea —Deep blood red.....	\$.20		\$.60

ALYSSUM

	Tr. Pkt.	¼ oz.	Oz.
Saxatile Compactum "Gold Dust" —Dwarf shrubby habit with dense heads of golden-yellow flowers. Blooms from early spring through June and grows 12 inches high.....	\$.20		\$1.20

ANCHUSA

	Tr. Pkt.	¼ oz.	Oz.
Italica Dropmore —Flowers resemble clusters of giant Forget-me-nots and are turquoise blue. Plants attain a height of 3 to 5 feet and bloom during June and July.....	\$.25	\$.75	\$2.25
Myosotidiflora —Produces large sprays of tiny blue For- Tr. Pkt. ¼ oz. ¼ oz. ¼ oz.	get-me-not flowers above large heart-shaped leaves.... \$.45	\$1.35	\$2.50
			\$7.50

ANTHEMIS

	Tr. Pkt.	¼ oz.	Oz.
Kelwayi —One of the best of the hardy Marguerites, produces yellow daisy-like flowers over a long season.....	\$.20	\$.35	\$1.10

ARMERIA

	Tr. Pkt.	¼ oz.	Oz.
Formosa Hybrida —Various shades of rose pink.....	\$.40	\$1.40	

ARABIS

	Tr. Pkt.	¼ oz.	Oz.
Alpina Pink —Grows about 12" tall. Color is a delicate pale pink..	\$.45		\$4.00
Alpina "Snow Cap" —Attains a height of 6". The plant flowers very early and is of a spreading nature. The white flowers which appear from early spring to May are so numerous that no foliage is visible.....	.40		2.75

ASTER

	Tr. Pkt.	¼ oz.	Oz.
Alpinus Mixed —Plants attain a height of about 9" suitable for rockery, or front of borders, where they make a nice display during May and June.....	\$.60	\$1.95	

ASCLEPIAS

	Tr. Pkt.	¼ oz.	Oz.
Tuberosa —Very showy and popular plant bearing flowers of brilliant orange scarlet during July and August.....	\$.35		\$3.90

PERENNIALS

AQUILEGIA

	Tr. Pkt.	¼ oz.	Oz.
Coerulea—Rocky Mountain Blue Columbine. Clear blue with a white corolla.	.40	\$1.25	\$3.75
Crimson Star Hybrids—Bi-color dark red with white.	.60	3.00	
McKana's Giant—Large long spurred flowers. A bright mixture of colors.	1.00	3.00	9.00
Long Spurred Blue Shades.	.60	3.00	
Mrs. Scott Elliott's Hybrids—The most popular Columbine.	.50		4.50
Rose Queen—Pink with white corolla.	.50		4.50
Snow Queen—The largest pure white.	.50		4.50

AUBRETIA

Low growing plant that form a solid green mound. The flower stems are produced about 6" above the plant.

	Tr. Pkt.	¼ oz.
Hendersoni—Deep purple.	\$.45	\$1.30
Leichtlini—Carmine rose.	.45	1.30

BELLIS (English Daisy)

	Tr. Pkt.	¼ oz.
Perennis Monstrosa—Pink, red, white mixed.	\$.60	\$3.75

CAMPANULA

	Tr. Pkt.	¼ oz.
Carpatica—9"—Blue—June bloom. Upright cup shaped flowers produced on leafy, erect growing plants. Ideal for use in wall gardens.	\$.60	\$2.80

CAMPANULA

Calycanthema—(Cup and Saucer). One of the most showy of this group. The flowers are large on stalks that attain a height of about 3 feet. Good for cutting.

	Tr. Pkt.	¼ oz.	Oz.
Deep Blue	\$.30	\$.80	\$2.40
Deep Rose	.30	.80	2.40
White	.30	.80	2.40
Mixed	.30	.80	2.40

Persicifolia—(Peachleaf, Bellflower). This variety grows from 2 to 3 feet tall and produces flowers that are more shallow than bell shaped and has foliage that is long, narrow and very graceful.

	Tr. Pkt.
Blue	\$.50
Alba	.50

Pyramidalis—The Chimney-Bellflower is one of the tallest Campanulas attaining a height of about 5 feet. Its long stalks of flowers start blooming in August and continue for several weeks.

	Tr. Pkt.
Alba	\$.40
Blue	.40

Rotundifolia—Scotch Harebell is an attractive flower producing little bells of blue during late spring and continuing over a long season. Grows 12" tall.

.60

DORONICUM (Leopards Bane)

Caucasicum—Grows about 2 ft. tall. Bears daisy like yellow flowers on long stems.

Tr. Pkt. ½ oz.

\$.100 \$2.25

EREMURUS

Robustus—Commonly called Foxtail Lily. This plant grows over 6 ft. tall producing a bright rose flower spike.

Tr. Pkt. ¼ oz.

\$.100 \$3.50

EUPHORBIA

Tr. Pkt. ½ oz.

Myrsinites—Attractive bluish gray foliage. Large yellow heads of flowers are produced on each branch during May.

6-8 in. tall. .35 \$1.00

Polychroma—Grows about 15 to 18 in. tall producing lemon colored rose shaped flowers during May and June.

.60 1.80



CAMPANULA CALYCANTHEMA

PERENNIALS

BROOM (Cytisus)

	Tr. Pkt.	¼ oz.
Choice Mixed—Bright colored raceme-like blooms on vigorous, hardy shrubs. Will flower from seed the second year.	\$.50	\$2.35

CARNATION

	Tr. Pkt.	¼ oz.
Early Vienna—Very dwarf	\$.60	\$2.75
Grenadin Mixed	.60	2.00

CENTUAREA

	Tr. Pkt.	Oz.
Montana—Has numerous deep blue flowers resembling Centuarea Cyanus on plants growing about 1½ feet tall. Flowers early	\$.30	\$1.80

CHRYSANTHEMUM (SHASTA DAISY)

	Tr. Pkt.	Oz.
Alaska—Most popular of all. Large pure white blooms on excellent stems. Starts blooming in June and continues for some time.	\$.25	\$1.40
May Queen—(Spring Marguerite)—Medium sized flowers	.50	1.50

COREOPSIS

	Tr. Pkt.	Oz.
Mayfield Giant—Deep golden yellow, large flowers, early	\$.25	\$.90
Double Sunburst—Large, golden yellow, fully double flowers	.25	1.10

DELPHINIUM (See Page 22)

DIANTHUS

	Tr. Pkt.	¼ oz.
Plumarius Spring Beauty—The grass, or Garden Pinks, are low-growing plants, which bloom early in the spring. This extra double strain is outstanding.	\$.45	\$1.75
Deltoides Carmine Rose—(Maiden Pink)—Deep rose, 8"	.50	2.50

DICENTRA

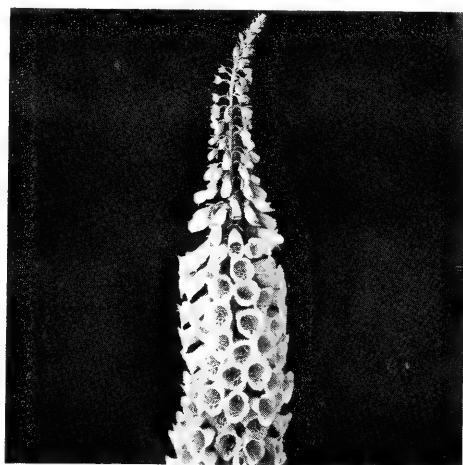
	Tr. Pkt.	¼ oz.
Exima—(Plumy Bleeding Heart)—Rose pink blooms on dwarf 12" plants	\$.50	\$1.50

CERASTIUM

	Tr. Pkt.	Oz.
Tomentosum—Snow in The Summer is a very descriptive name for this low-growing plant. Grows about 6" high. Its small white flowers are produced in June. Excellent for rockeries	\$.30	\$2.00

CHEIRANTHUS
(Siberian Wallflower)

	Tr. Pkt.	Oz.
Allioni—The Siberian Wallflower, a biennial, produces its bright orange flowers on 15" spikes from May to September. To keep plant blooming, flowers must be cut	\$.20	\$.45



DIGITALIS THE SHIRLEY

DIGITALIS (FOXGLOVE)

Flowers during June and July. The flowering spike grows well over three feet in height with individual tubular or bell-shaped flowers, placed close on the side of the strain.

	Tr. Pkt.	Oz.
The Shirley—Giant hybrids, spotted throats	\$.35	\$3.00

PERENNIALS

GAILLARDIA

Blanket flowers are showy and of easy culture. They begin to flower in June and continue until frost.

	Tr. Pkt.	Oz.
Burgundy —Copper scarlet self.	\$.30	\$2.50
Dazzler —Large rich red flowers with orange tip. Fine for cutting. ....	.30	1.90
Goblin —Dwarf, compact. Deep red with yellow border. ....	.40	2.90
Portola Hybrids —Red with golden tips. Excellent for cutting. ....	.30	2.00

GEUM

This plant which flowers from May to October is useful for cutting and can also be used for borders and rockeries.

Tr. Pkt. Oz.

Mrs. Bradshaw — Brilliant scarlet. Double flowers. Good for cutting.	\$.30	\$2.90
Lady Stratheden — Double golden yellow. Excellent for cutting. ....	.30	2.90

GYPSOPHILA

One of the daintiest of old-fashioned flowers. The plants are covered with small blooms all during the summer. The tall growing varieties are good for cutting, while the dwarf forms are useful for edgings and rock gardens.

Tr. Pkt. Oz.

Paniculata —(Single)—Hardy, graceful sprays of white flowers.	\$.25	\$1.00
---	--------	--------

HELIANTHEMUM (Sun Rose)

Mutabile—Dwarf evergreen rock plant that grows about 8"-10". The mixture of pink and orange flowers cover the plant during June and July.

Tr. Pkt.	¼ oz.	Oz.
\$.35	\$.60	\$1.80



GEUM MRS. BRADSHAW

HEUCHERA

One of the most desired of the smaller growing plants. The plants of Sanguinea are compact, bushy and grow in tufts with flower stems about 1½ feet high, blooming in mid-summer.

	Tr. Pkt.	½ oz.
Sanguinea —Fine for cutting. Vivid shade of coral red.	\$.60	\$3.00

HOLLYHOCK — CHATERS DOUBLE

Black Gem—Maroon.

Chamois.

Enchantress—Deep rose.

Fire King—Scarlet.

Golden Drop—Sulphur.

Newport Pink.

Salmon Rose.

Virgin Queen—White.

Mixed.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt. \$.35

Oz. \$1.70

PERENNIALS

IBERIS

Low-growing plant that grows about 9 to 12" tall, and spreads out making mats which are covered with flat dense clusters of flowers from the end of April through June.

	Tr. Pkt.	Oz.
Gibraltarica—Lilac.....	\$.30	\$1.50
Sempervirens—White.....	.60	4.75

LAVENDULA — Sweet Lavender

	Tr. Pkt.	¼ oz.
Vera — Well-known fragrant hardy perennial. Always in good demand.....	\$.40	\$1.25

LIATRIS

Long spikes 4 to 5 feet tall of rosy purple. Flowers during August and September.

	Tr. Pkt.	Oz.
Pycnostachya—Rosy purple. Fine for cutting.....	\$.35	\$3.00

LINUM

	Tr. Pkt.	¼ oz.	Oz.
Perenne — (Flax) — Blue. 1½ ft. tall... \$.30			\$.90
Flavum—Yellow. 2 ft. tall.....	.30	\$.85	2.50

LUNARIA BIENNIS (Honesty)

	Tr. Pkt.	Oz.
Alba—White.....	\$.25	\$1.40

LUPINUS

	Tr. Pkt.	Oz.
Russell's Prize Mixture—The large florets form large erect flower spikes. Mixture contains many unusual colors... \$.40		\$2.10

LYCHNIS

	Tr. Pkt.	Oz.
Chalcedonica — Flowers in June. Produces several flower stems over 3 ft. tall with immense heads of vermillion scarlet flowers.....	\$.25	\$1.50

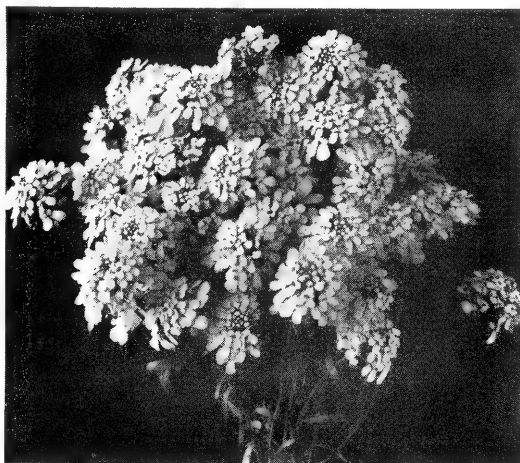
MYOSOTIS

	Tr. Pkt.	Oz.
Alpestris Victoria — Grows about 6" tall and is compact in growth. Produces its clear indigo blue flowers beginning in April.....	\$.60	\$4.75
Palustris Semperflorens—Pale blue flowers. Begins blooming about May and continues until fall.....	.40	3.25

PRIMULA

Hardy Primrose are showy plants that have small dainty flowers during April. The plants grow about 6 to 8 inches tall.

	Tr. Pkt.	¼ oz.
Auricula Alpine Mixed.....	\$1.00	\$5.00
Veris Munstead's Strain....	1.25	5.25



IBERIS GIBALTARICA



LINUM PERENNE



MYOSOTIS

PERENNIALS

PYRETHRUM

These are excellent for cutting. The bright colored daisy-like flowers are produced on long stems. Plants grow about 2 to 3 ft. tall and flower in June.

	Tr.	Pkt.	Oz.
Hybridum Single Mixed	\$.60		\$5.50
Double Mixed . . . 1/8 oz.	\$1.60	.60	8.25

SAPONARIA

	Tr.	Pkt.	Oz.
Ocymoides—Rose pink trailing rock plant	\$.30		\$2.10

SCABIOSA

Plants grow about 2 to 3 ft. tall producing their flowers on long wiry stems from June to September. Good for cutting.

	Tr.	Pkt.	Oz.
Caucasica Isaac House Hybrids — Improved strain. Flowers range from lavender to dark blue. Excellent for cutting	\$.45		\$4.00

STATICE

	Tr.	Pkt.	Oz.
Caspia—Lilac. Fine for table decoration	\$.40		\$2.75
Dumosa—Silvery gray flowers. Good cut flower . . . . .	.40		2.75
Latifolia—Deep blue flowers. Fine for cutting . . . . .	.30		2.00

SWEET WILLIAM

	Tr.	Pkt.	Oz.
Newport Pink	\$.40		\$2.60
Scarlet Beauty—Scarlet red . . . . .	.40		2.60
Single Mixed . . . . .	.40		2.60
Double Mixed . . . . .	.40		2.60
Dwarf Alpinus Midget Mixed—(Indian Carpet)—Early flowering type of Sweet William, consisting of light and dark colors, mixed. Height 4 to 6 inches. Suitable for border or rock garden planting.			

Tr. Pkt.	1/4 oz.	Oz.
\$.60	\$1.50	\$4.75

TRITOMA

	Tr.	Pkt.	Oz.
Hybrids—(Red Hot Poker)—Mixed	\$.45		\$2.40

VERONICA

	Tr.	Pkt.	Oz.
Spicata—Grows about 1 1/2 ft. tall and produces its bright blue flowers during June	\$.50		\$4.00

VIOLA CORNUTA

These miniature pansies are quite pretty and good for bedding. Ideal to cut for display in bowls or miniature arrangements.

Admiration—Large dark blue.

Chantreyland—Pure apricot.

Arkwright Ruby — Wonderful large rounded flowers of ruby crimson with terra cotta and darker markings. Fragrant.

Blue Perfection—Large flowered fine light blue.

Lutea Splendens—Golden yellow.

Papilio—Blue and white.

PRICES OF ABOVE VARIETIES

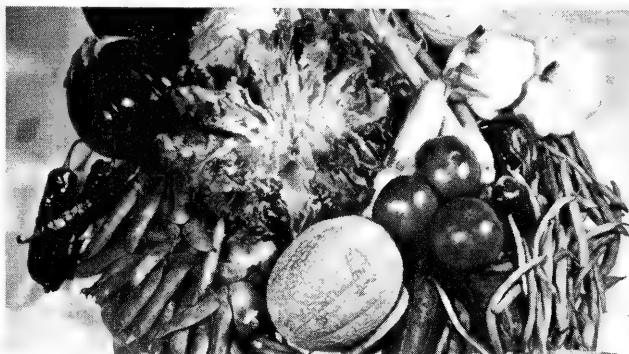
Tr. Pkt.	1/4 oz.	Oz.
\$.60	\$2.00	\$6.00

Toyland—An F2 Hybrid mixture that has large flowers freely produced on sturdy compact plants. The flowers are waved and consist of straight colors as well as combinations of red—gold—apricot—blue—purple—mahogany and white.

Tr. Pkt.	1/4 oz.	Oz.
\$1.00	\$3.50	\$10.50



VIOLA TOYLAND



F1 HYBRID VEGETABLES

F1 Hybrid Vegetable, like F1 Hybrid Flower Seed, offers many benefits over the older standard or line bred varieties. Uniformity, earliness, disease resistance and, above all, much greater productivity are all clearly evident in the F1 Hybrids.

CUCUMBER F1

Burpee Hybrid—60 Days—High resistance, vigor and long production, make this a truly outstanding variety:

Early Surecrop—58 Days—This variety is now widely sold for Greenhouse, Market and Home Gardening use. Used for both pickling and slicing, the crisp 8 to 9 inch fruits are highly disease resistant.

Total Marketer—65 Days—For use as a shipper and greenhouse hybrid. Produces uniform dark green 8 to 9 inch fruits over a period which extends well past most other varieties. High yielding and uniform.

PRICES OF ABOVE VARIETIES

$\frac{1}{2}$ oz.	Oz.	$\frac{1}{4}$ lb.
\$2.20	\$4.25	\$12.75

TOMATO F1

Burpee Big Boy Hybrid®—One of the largest F1 Hybrid Tomatoes. Fruits are firm, smooth, deep globe, scarlet of excellent flavor and quality. Mid-season producing continuously until frost.

® Registered Trademark of W. Atlee Burpee Co.

Early Giant—60 Days—Vigorous, early and large fruited. Deep red, globe shaped without undesirable white core.

Giant King—80 Days—Bright scarlet, globe shaped fruits of excellent quality and flavor. Good mid-season tomato.

Tuckcross O—(Tuckers Forcing X Ohio WR No. 3)—Forcing variety, produces red fruits which are smooth, meaty and highly disease resistant.

Wonder Boy—80 Days—This improved mid-season variety produces large, round, meaty fruits of exceptional texture and flavor.

PRICES OF THE ABOVE VARIETIES

$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	Oz.	$\frac{1}{4}$ lb.
\$4.50	\$8.50	\$16.00	\$30.00	\$98.00

Burpee Hybrid—70 Days—Scarlet red fruits are medium large, smooth and firm. Good all purpose main crop. Heavy producer.

PA. 103—70 Days—Rich red fruits, highly resistant. Excellent for the South, Central and Eastern United States.

PRICES OF THE ABOVE VARIETIES

$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	Oz.	$\frac{1}{4}$ lb.
\$3.50	\$6.00	\$11.00	\$21.00	\$65.00

EGG PLANT F1

Burpee Hybrid—70 Days—Vigorous continuous producer. Highly resistant to drought and disease. Fruits medium size.

Mission Bell—70 Days—Vigorous, upright, medium tall plants which produce a heavy, high quality yield. Fruits are deep oval shaped, tapering slightly toward stem, with skin that is smooth, dark and shiny.

PRICES OF ABOVE VARIETIES

$\frac{1}{2}$ oz.	Oz.	$\frac{1}{4}$ lb.
\$4.00	\$7.00	\$12.00

SQUASH F1

Blackini—50 Days—Improved Zucchini type. A very high yielding, good looking variety. Best picked when fruits are 6 to 8 inches long. Plants are very vigorous and compact.

Oz.	$\frac{1}{4}$ lb.	Lb.
\$.90	\$3.00	\$9.00

BROCCOLI

Oz. ¼ lb.

Italian Green Sprouting—
(Early strain). Vigorous early type forming large compact central heads and very few laterals. \$.40 \$1.35

BRUSSELS SPROUTS

Oz. ¼ lb.

Long Island Improved—Plant
dwarf and compact. \$.60 \$2.00

CAULIFLOWER

¼ oz. Oz.

Early Snowball "A" (Dwarf Erfurt)—One of the most satisfactory early strains of Snowball. \$.80 \$2.50

Snowdrift—Heads large firm and snow white.80 2.50

CELERY

Oz. ¼ lb.

Golden Yellow Self Bleaching—Standard early market variety. \$1.50 \$5.00

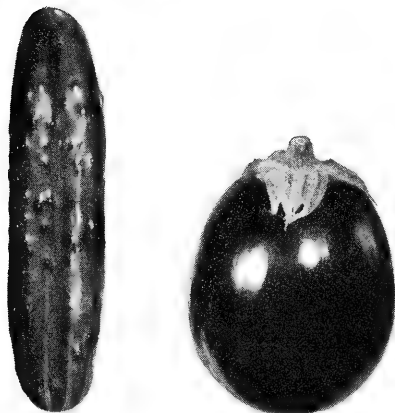
Golden Plume—Early, non-bolting variety. Fine flavor, solid and tender. 1.50 5.00

Giant Pascal—Stems thick, of fine quality, rich nutty flavor. An excellent variety. 1.50 5.00

CUCUMBER

Burpee Hybrid.
Early Surecrop.
Total Marketer.

See F1 Hybrids, Page 63.



CUCUMBER AND EGG PLANT
—BURPEE HYBRID—

CABBAGE

Oz. ¼ lb.

Copenhagen Market—Early, round headed variety. Excellent quality. \$.65 \$2.00

Danish Ball Head (Penn State Strain)—Most popular late variety. Good keeper.75 2.50

Early Jersey Wakefield (Yellows Resistant)—The earliest oblong variety. Sure header, small heads, suitable for home gardens.45 1.55

Golden Acre (Yellows Resistant)—The earliest resistant cabbage developed. A SOLID ROUND HEAD OF MEDIUM SIZE.65 2.00

Wisconsin All Season (Yellows Resistant)—A main crop yellow resistant cabbage. Round head, good quality.90 3.00

Mammoth Red Rock—Best red variety. Good keeper, round head.60 2.00

Marion Market (Yellows Resistant)—A resistant Copenhagen Market matures a trifle later.60 2.00

Premium (Late) Flat Dutch—Large late variety. Very good quality, excellent keeper.60 2.00

Savoy, Chieftan—Earlier than standard market varieties of Savoy. Plant medium short stemmed.60 2.00

EGG PLANT

Oz. ¼ lb.

Burpee Hybrids.
Mission Bell.

See F1 Hybrids, Page 63.

Black Beauty—An extra early, large variety with few seeds. . . \$.60 \$2.00

Fort Myers Market—High bush variety. Heat and disease resistant.80 2.70

Improved New York Purple—Popular home and market garden variety.75 2.25

LETTUCE

	Oz.	¼ lb.
Bibb (Forcing) —Plant small forming a small loosely folded head, leaves thick, deep green, slightly fringed with brown.	\$.30	\$1.00
Black Seeded Simpson —Ideal mid-summer leaf variety, will withstand heat and drought. . . . .	.20	.70
Grand Rapids Forcing —The leading greenhouse forcing leaf variety, but may be grown successfully outdoors. . . . .	.25	.80
Big Boston —A large headed variety for mid-summer and fall use. . . . .	.25	.70
Iceberg —Crisp heading variety for home and market. . . . .	.30	1.00
Imperial 847 —Crisp heading variety of medium size. Leaves smooth, thick and light green. . . . .	.50	1.70
Romaine (Cos or White Paris self folding) —Medium tall plants with firm spoon shaped straight edged outer leaves. . . . .	.30	1.00
Salad Bowl —Improvement over Oak Leaf. Early, stands summer heat exceptionally well. Loose leaf variety. . . . .	.75	2.50

ONION

	Oz.	¼ lb.
Prizetaker —Large, globular, yellow. Flesh coarse and mild.	\$.70	\$2.30
White Sweet Spanish —White with clear glistening skin. Globe-shaped. . . . .	.70	2.30
Yellow Sweet Spanish —(Utah Strain)—Globe-shaped, keeps extra well. . . . .	.70	2.30

PARSLEY

	Oz.	¼ lb.
Extra Triple Curled —(Moss Curled)—Plants compact leaves dark and finely cut.	\$.20	\$.50

RADISH

	Oz.	¼ lb.
Improved Scarlet Globe —Very early sort, valuable for out of door culture and for forcing. Uniform, rich bright, scarlet, flesh white.	\$.15	\$.45
Scarlet Turnip, White Tip —Popular variety, small top. Root bright scarlet with white area about the tip. . . . .	.15	.40
White Icicle —The best early white variety. Roots long, tapered, very white throughout. . . . .	.20	.40

SQUASH

Blackini F1 Hybrid.
See F1 Hybrids, Page 63.

PEPPER

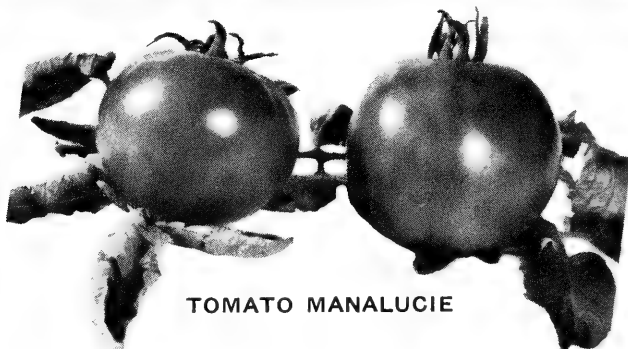
	Oz.	¼ lb.
All Big —(Sweet)—Shaped like World Beater but darker and longer.	\$1.20	\$4.00
California Wonder —(Sweet)—Much used, particularly by market growers. Large green fruits practically as early as Ruby King. . . . .	.70	2.50
Cayenne Long Red (Hot) —A leading sort for use in pickles, for canning and for drying. Fruits long, tapered, and very pungent. . . . .	.60	2.00
Floral Gem —(Bull Nose or Large Bell)—Hot, medium sized fruits, deep green.	1.00	3.35
Golden California Wonder —Golden fleshed type.	1.00	3.35
Hungarian Yellow Wax —(Hot)—Yellow very early. Fruits long, tapered. Waxy light yellow. . . . .	.75	2.50

	Oz.	¼ lb.
Oakview Wonder —(Early California Wonder)—Sweet, productive.	\$1.20	\$4.00
Pimento —(Sweet)—Standard variety for home and market garden. Fruits heart-shaped and very smooth. . . . .	.75	2.50
Ruby King —(Sweet)—A favorite for home and market garden. Fruits large and slightly tapered. Bright red. . . . .	.65	2.25
Sweet Banana —(Hungarian Yellow Wax Sweet)—Plants vigorous, erect. Fruit about 7" long, 2" thick.	1.00	3.35
World Beater —(Sweet)—An early sort. Fruits large, oblong; flesh thick and sweet. Bright red. . . . .	.60	2.00

TOMATO

F1 HYBRIDS — (See F1 Hybrids Page 64)

Burpee Big Boy Hybrid®	Giant King
Wonder Boy	Burpee Hybrid
Early Giant	Pa. 103
Tuckcross "O" (Forcing)	



TOMATO MANALUCIE

	Oz.	¼ lb.
Bonny Best —(73 Days)—A general purpose tomato. Fruits evenly colored scarlet-red, medium large.....	\$.75	\$2.25
Break O'Day —(73-75 Days)—Early wilt resistant, globe-shaped sort. Fruits large, scarlet of good quality.....	.90	3.00
Crimson Cushion —(Red Beefsteak).....	1.00	3.25
Dwarf Champion —Dwarf and treelike. Ideal for limited space. Pink fruit.....	1.00	3.25
Earliana —(64-66 Days)—Particularly valuable for home garden and early market. Fruit medium size flattened.....	.90	3.00
Giant Tree —(Italian Potato Leaf)—A pink tomato of large size. The large smooth fruits have few seeds. Flesh is tender and mild.....	¼ oz. \$1.20 Oz. \$3.50	¼ lb. \$12.00
Golden Queen —Large yellow fruit, mild flavor.....	Oz. \$.80	¼ lb. \$2.70
Jubilee —(72 Days)—Fruits bright golden orange with few seeds.....	¼ oz. ½ oz. \$.30 Oz. \$.50 Oz. \$.90	¼ lb. \$3.00
Manalucie —Mid-season red. Extra disease resistant.....	Oz. \$1.00	¼ lb. \$3.00
Marglobe —(75-78 Days)—Resistant to Fusarium wilt. Fruits uniform deep scarlet, globe shape and of distinct quality.....	.60	2.00
Master Marglobe —(75-78 Days)—HIGHLY resistant and heavily productive.....	1.20	4.00
Michigan State Forcing —Developed at Michigan State College. Very productive under restricted light conditions. Fruits deep scarlet, globe shaped, are borne in clusters of five to eleven.....	¼ oz. \$.50 Oz. \$2.00	¼ lb. \$3.70
Oxheart —Heart shaped. Pink fruit, mild flavor.....	Oz. \$1.10	¼ lb. \$3.70

TOMATO — Continued

	Oz.	¼ lb.
Ponderosa —(85 Days)—One of the best for home use. Fruits purplish-pink, very fleshy with few seeds, of very mild flavor.....	\$.90	\$3.00
Pritchard (Scarlet Topper) —Wilt resistant, heavily productive. Fruits large globular, scarlet and well colored about the stem end.....	.75	2.50
Rutgers —(78 Days)—Highly recommended for second early maturing variety for canning and tomato juice. Fruits similar in shape to Marglobe. Uniformly colored flesh.....	.90	3.00
Stokesdale —(70-73 Days)—Early suitable for shipping. Fruits uniform deep scarlet, globe shape.....	.85	2.75
Stokescross No. 5 —(Maturing 75 Days)—Average size of fruit 4.7 ounces. This is perhaps the strongest F2 of the hybrid yet produced.		

⅓ oz.
\$.75

¼ oz.
\$1.25

Oz.
\$3.50

¼ lb.
\$12.00

	Oz.	¼ lb
Stone Improved —(85 Days)—Very solid fruit scarlet red, flat shape.....	\$.65	\$2.20
Urbana —Fruits are scarlet on prolific, very compact plants.....	.90	3.00
Valiant —Early red.....	.90	3.00

TOMATOES (Small Fruited)

FOR PICKLES, SALADS, PRESERVES

Red Cherry.

Yellow Pear.

Yellow Plum.

Yellow Husk or Ground Cherry.

PRICES OF THE ABOVE VARIETIES

¼ oz.....\$.30

Oz.....\$.90

¼ lb.....\$3.00

HERBS

Customers will be buying herbs this spring as never before, for the garden and home magazines have been playing up their culinary uses as well as their garden beauty. Meet this demand with young plants in bands and flats.

Anise (Annual)—14 to 16 inches tall. Aromatic seeds used in flavoring.

Basil (Annual)—12 inches tall. Entire plant has fragrant spicy aroma. Used for seasoning.

Borage (Annual)—12 to 18 inches tall. Large thick leaves are used as a pot herb.

Coriander (Annual)—2 to 2½ ft. tall. Grown for seed. Used for flavoring in baking and confections.

Dill (Annual)—2 to 3 ft. tall. Chiefly grown for seed clusters used in pickling.

Sweet Fennel (Biennial)—3 to 4 ft. tall. Usually treated as an annual. Seed used for flavoring confections.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.....\$.20

Oz.....\$.60

Sweet Marjoram—1½ to 2 ft. tall. Grown for tender young leaves used in seasoning.

Sage (Perennial)—14 to 16 inches tall. The most commonly used of all herbs for seasoning.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.....\$.20

½ oz.....\$.60

Rosmary (Half Hardy Perennial)—2 to 4 ft. tall. Leaves used for seasoning.

Thyme (Hardy Perennial)—8 to 10 inches tall. Pungent flavor used in culinary seasoning.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.....\$.20

¼ oz.....\$.60

FERT-O-JECT

AUTOMATIC FERTILIZER INJECTORS

This Automatic Fertilizer Injector is machine engineered to inject into the water system soluble fertilizers in proportions suitable for maximum plant growth. By using the Fert-O-Ject method of fertilization a mild application is applied each time plants are watered assuring a uniform application to all plants.

Available in two models

Model E.....\$475.00
 Model U-400 (Portable)..... 300.00

Write for complete descriptive literature.

POLYETHELENE DRUM

This is a fine heavy gauge drum to hold liquid fertilizer. You can see at all times the level of the concentrate. Supplied with spigot.

Model SCN-2232—(53 gal. size)—

Weight 7½ lbs. Size 22¼ x 32¼

Price.....\$28.40

Lid for Drum..... 5.00

KWH MIST BLOWERS (Mist Blower & Duster Combination)

Model 25C—Mist blower and duster combination—1 h.p. gasoline engine with hopper for approx. 20 lbs. of dust and front liquid tank holding about 1½ gallons. Price.....\$258.00

Write for complete descriptive literature.

PARCEL POST RATES

SURFACE PARCELS

NOTE: Any fraction of a pound over the weight shown takes the next higher rate.

Weight 1 Pound and Not Ex- ceeding	Local	1 & 2 Up to 150 Miles	3 150 to 300 Miles	4 300 to 600 Miles	5 600 to 1,000 Miles	6 1,000 to 1,400 Miles	7 1,400 to 1,800 Miles	8 Over 1,800 Miles
Third class rates apply up to but not including one pound.								
2	\$0.24	\$0.33	\$0.35	\$0.39	\$0.45	\$0.51	\$0.58	\$0.64
3	.26	.38	.41	.47	.55	.64	.74	.83
4	.28	.43	.47	.55	.65	.77	.90	1.02
5	.30	.48	.53	.63	.75	.90	1.06	1.21
6	.32	.53	.59	.70	.85	1.03	1.22	1.40
7	.34	.58	.65	.77	.95	1.16	1.38	1.59
8	.36	.63	.71	.84	1.05	1.29	1.54	1.78
9	.38	.68	.77	.91	1.15	1.42	1.70	1.97
10	.40	.73	.83	.98	1.25	1.55	1.86	2.16
11	.42	.77	.89	1.05	1.35	1.67	2.02	2.34
12	.44	.81	.95	1.12	1.45	1.79	2.18	2.52
13	.46	.85	1.01	1.19	1.55	1.91	2.34	2.70
14	.48	.89	1.07	1.26	1.65	2.03	2.50	2.88
15	.50	.93	1.13	1.33	1.75	2.15	2.66	3.06
16	.52	.97	1.18	1.40	1.85	2.27	2.81	3.24
17	.54	1.01	1.23	1.47	1.95	2.39	2.96	3.42
18	.56	1.05	1.28	1.54	2.05	2.51	3.11	3.60
19	.58	1.09	1.33	1.61	2.15	2.63	3.26	3.78
20	.60	1.13	1.38	1.68	2.25	2.75	3.41	3.96

Add 10¢ to the above postage to cover insurance.

INSECTICIDES

Aramite 15W—Used to control Red Spider Mites.
4 lb. bag \$3.25 Case—12 x 4 lb. bags \$35.00

Aramite Liquid 2E—Red Spider Mite control.
1 gallon \$13.00

Chlorobenzilate 25W—For control of Spider Mites.

4 lb. bag \$5.25 Case—12 x 4 lb. bags \$53.50

D. D. T. 50W—General purpose. For most leaf eating, chewing insects, soil pests, thrips, white flies.

4 lb. bag \$1.55 Case—12 x 4 lb. bags \$16.50

Endrin 1.6 lb. Liquid—Excellent for control of Cyclamen Mite, Aphids, Thrips, etc.

1 gallon \$12.50 4 gallons \$10.40 per gal.

Kelthane W—For control of both Cyclamen and Red Spider Mites.

4 lb. bag \$5.50 Case—12 x 4 lb. bags \$60.00

Kelthane 18.5 Liquid—Red Spider Mite control.

1 gal. \$11.00 Case—4 x 1 gal. cans \$10.25 per gal.

Lindane 25W—For Aphids, Thrips, Leafhoppers, Spittle-bugs, Symphylids.

4 lb. bag \$7.00 Case—12 x 4 lb. bags \$78.00

Lindane 1½%—50 lb. bag \$11.75.

Malathion 25W—For Spider Mites, Aphids, Thrip, Scales, Leafhoppers and Rollers, Mealy Bugs, Caterpillars, Beetles, White Flies and Tarnished plant bugs.

4 lb. bag \$2.75 Case—12 x 4 lb. bags \$28.70

Malathion Liquid 5-E—1 gallon \$11.50.

Nico Fume Liquid—To control Aphids, Thrips, Chrysanthemum Leaf Minor and Marguerite Fly.

1 gallon can \$16.25

Parathion 15W—To control Aphids, Spider Mites, Caterpillars, Leaf Rollers, Thrips, Beetles, Mealey Bugs, White Flies and Rose Midge.

3 lb. bag \$1.75 Case—16 x 3 lb. bags \$25.00

P-40 (2% Sodium Selenate)—For chewing and sucking insects on plants other than edible crops. Food crops not to be grown in treated area for 12 months.

25 lbs. \$12.50 50 lbs. \$22.50 100 lbs. \$40.00

Sodium Selenate (Pure)—For control of Aphids, Red Spider, Cyclamen Mites and some Nematode.

4 oz. \$4.00 1 lb. \$12.50

Slugit—Liquid Metaldehyde solution for control of snails and slugs.

1 gallon \$12.00

Systox—A systematic insecticide for control of Foliar Nematode, Aphids and Spider Mites. (For soil application only.)

1 gallon \$30.75

Tedion 25—For control of Red Spider Mites.

2 lb. bag \$4.00 Case—12 x 2 lb. bags \$44.75

Tedion 90—For resistant Spider Mites. (Can combine with Aramite for highly resistant mites.)

1 lb. bag \$7.20 Case—12 x 1 lb. bags \$78.00

Thiodan Emulsion—For control of Aphids, White Fly and Cyclamen Mites.

1 gallon \$10.00

Thiodan 50W

2 lb. bag \$4.75 Case—12 x 2 lb. bags \$52.00

Trithion 25W—Two spotted Spider Mites, Monterey Pine Aphids, Rose Aphids, and soft scale insects.

5 lb. bag \$5.45

Vapatone XX Emulsive—For control of Aphids Thrips, Red Spider and Leaf Hopper Nymphs.

1 gallon \$12.00

Spreader Sticker—For use with Agricultural Chemicals.

1 gallon \$7.95

FUMIGATORS

Fulex Parathion Fumigator—For Red Spider, Aphids and Thrip.

2,000 cu. ft. \$11.50 10,000 cu. ft. \$17.00

5,000 cu. ft. \$14.50 20,000 cu. ft. \$26.00

Fulex Aphid Smoke Fumigator—For Aphid and adult White Fly.

2,000 cu. ft. \$11.00 10,000 cu. ft. \$17.00

5,000 cu. ft. \$14.00 20,000 cu. ft. \$25.00

Fulex Spider Mite Fumigator—For Red Spider including some parathion resistant strains on

Carnations, Chrysanthemums and Snaps.

2,000 cu. ft. \$11.50 10,000 cu. ft. \$19.00

5,000 cu. ft. \$14.50 20,000 cu. ft. \$31.00

Fulex Nicotine Fumigator. Carton—12 cans

10,000 cu. ft. \$8.50 20,000 cu. ft. \$14.00

Fulex Tedion Fumigator. Carton—12 cans

5,000 cu. ft. \$ 9.50 20,000 cu. ft. \$21.00

10,000 cu. ft. \$12.50

Plant Fume 103—For control of Spider Mite, Aphid, Thrip.

Carton—36 cans. 5,000 cu. ft. \$12.00

Carton—12 cans. 20,000 cu. ft. \$12.00

FUNGICIDES

A. D. O.—A drench for controlling damp-off in seed flats. Also effective in controlling the spread of Rhizoctonia, Pythium and Fusarium, Stem Rot Diseases.

Pint (treats 1,000 sq. ft.) \$4.95 Quart \$9.50

Captan—For Leaf Spot and Botrytis control. Not adequately effective against Rusts, Powdery Mildew, Bacteria. 5 lb. \$4.50 10 x 5 lbs. \$40.00

Ferbam—Controls Fungus Leaf Spots. Not effective against Bacteria or Powdery Mildew.

3 lb. bag \$2.00 Case—12 x 3 lb. bags \$21.60

Gerox—For effective control of Fusarium and Bacterial Rot (Black Leg) of Geraniums. Also other rots caused by Rhizoctonia Solani, a soil and damp-off Fungus.

150 grams—\$8.00 Post Paid

(Treats approx. 6,000 2¼" pots)

Pano Drench—Effective soil drench for prevention of damp-off in seed flats. For use either as a pre- or post-emergence treatment.

4 oz. bottle—\$5.95 Post Paid

16 oz. bottle—\$19.20 Post Paid

Terrachlor W. P. 75% (PCNB)—Soil treatment for control of Rhizoctonia and Sclerotium Rolfii.

5 lb. bag \$4.25 Case—10 x 5 lb. bags \$41.00

Zineb 65W—To control Rusts, Fungus Leaf Spots, Botrytis Blights. Not effective against bacteria or Powdery Mildews.

3 lb. bag \$2.50 Case—16 x 3 lb. bags \$37.00

Vapam (Soil Fumigant)—For controlling weeds, weed seeds, Nematodes, and soil Fungi.

1 gallon \$4.75

PHOSFON-D***HEIGHT RETARDANT FOR MUMS**

* Trade-mark of Virginia-Carolina Chemical Corporation

The latest development from the field of chemistry is the new PHOSFON-D for controlling the height of chrysanthemums. Simple to use—just mix into potting soil at planting time. Requires no special care. One pound treats 3,000 to 5,000 pots of soil. Gives you better and more uniform plants.

1-lb. Bottle.....	\$ 17.95 Postpaid
1 Case (12 1-lb. Bottles).....	215.40 Postpaid

RUSTIC CEDAR BARK SLABS

Selected and treated Rustic Cedar. These are bright and clean—free of borer and have been selected for uniform widths.

Length	Width	Price	Pk. Per Bundle	Weight Per Bundle
1'	2"-3"	\$.04	100 pcs.	40 lbs.
1½'	2½"-4"	.05½	50 pcs.	25 lbs.
2'	3"-4"	.09	50 pcs.	30 lbs.
2½'	3"-4"	.12	50 pcs.	35 lbs.
3'	3"-4"	.13½	50 pcs.	45 lbs.
4'	4"-5"	.18	50 pcs.	80 lbs.
4'	3"-4"	.18	50 pcs.	65 lbs.
5'	4"-6"	.35	25 pcs.	70 lbs.
6'	5"-7"	.40	25 pcs.	90 lbs.

NOTE: On 4 ft. Cedar Bark, please state narrow or regular.

1' Cedar Bark ideal for dish gardens.

CEDAR BARK POLES

Length	Diameter	Price	Pk. Per Bundle	Weight Per Bundle
1½'	1" -1½"	\$.09	50 pcs.	50 lbs.
2'	1¼"-2"	.13	25 pcs.	30 lbs.
2½'	1¼"-2½"	.17½	25 pcs.	35 lbs.
3'	1½"-2½"	.20	25 pcs.	40 lbs.
4'	2" -3"	.27½	25 pcs.	60 lbs.
5'	2½"-3½"	.34	25 pcs.	75 lbs.
6'	2½"-3½"	.39	25 pcs.	90 lbs.

GREEN ENAMELED PLANT STAKES

1,000 PIECES PER BUNDLE

F.O.B. Fostoria, Ohio

	No. 16 Gauge .0625"	No. 14 Gauge .080"
12" lengths.....	\$3.50	\$5.00
15" lengths.....	4.50	6.00
18" lengths.....	5.00	7.00
21" lengths.....	6.00	8.00
24" lengths.....	7.00	9.00
27" lengths.....	8.50	10.00
30" lengths.....	9.00	11.00
36" lengths.....	10.00	12.50
42" lengths.....	11.50	14.50
48" lengths.....	12.50	17.00

The No. 14 gauge is the more popular size.

DRAM WATER BREAKER

Cast aluminum with a face of 400 ⅓₂" holes. Suitable for established seed flats—plants and bench watering.

Price..... Each \$1.50

Extension handle designed for Dram Water Breaker.

16" with rubber grip... Each \$1.50

24" with rubber grip... Each 1.80

BAMBOO CANE STAKES

Dyed Green, of Pencil Thickness

	Per Bale	Price Per Bale
1½ ft.....	2,000	\$6.00
2 ft.....	2,000	8.00
2½ ft.....	2,000	10.00
3 ft.....	2,000	13.00
3½ ft.....	2,000	16.00
4 ft.....	2,000	18.00

SPLIT BAMBOO STAKES

Dyed Green

	Per Bale	Price Per Bale
12 in.....	5,000	\$10.00
15 in.....	5,000	15.00
18 in.....	5,000	20.00
24 in.....	5,000	25.00

TWISTEMS

Handy paper covered plant tie that are deep green in color. The wire running through the center of the tape makes them unbreakable.

	Ⓢ25,000 Lots	Ⓢ12,500 Lots	Ⓢ10,000 Lots
Per 1,000	Per 1,000	Per 1,000	Per 1,000
4" \$.90	\$.85		
7" 1.50	1.30		
8" 1.60	1.45		
12" 2.35		\$2.25	
16" 3.25			\$2.90

Ⓢ Quantity per box on various sizes.

WOOD VENEER PLANT BANDS

	Per 1,000
1¼ x 1¼ x 2.....	\$5.70
1¼ x 1¼ x 2½.....	5.80
2 x 2 x 2.....	5.80
2 x 2 x 2½.....	5.90
2¼ x 2¼ x 2½.....	6.10
2½ x 2½ x 2½.....	6.20
2 x 2 x 3.....	6.20
2½ x 2½ x 3.....	6.60
3 x 3 x 3.....	7.00
3 x 3 x 4.....	7.20
4 x 4 x 3.....	7.30
4 x 4 x 4.....	8.20

LIGHT WOOD FLATS OR TRAYS

These Flats are ideal for growing and selling vegetable and flower plants.

No. 00—Holds Dozen 1¼x1¼x2½ Bands.

No. 000—Holds Dozen 2x2x3 or 2x2x2½ Bands.

No. 0000—Holds Dozen 2½x2½x3 Bands.

No. X—Holds Six 3x3x3 Bands.

	50	100	1,000
No. 00	\$2.40	\$4.10	\$40.00
No. 000	2.50	4.40	42.00
No. 0000	2.80	4.90	46.00
No. X	2.60	4.80	43.00

DA-COR POTS 3"

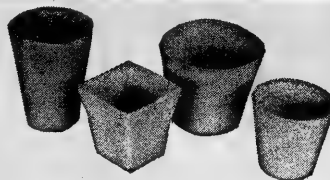
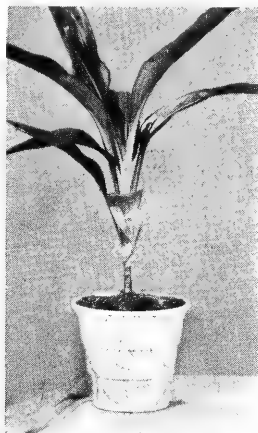
Non-fading, smooth plastic in modern color combinations. Three step design for both strength and eye appeal. Write for sample.

	Packed 2000 a case
50,000 up.....	\$18.75 per 1,000
49,000-9,999.....	19.00 per 1,000
1 case to 9,999.....	20.00 per 1,000

COLOR LUX POTS 3"

Same pot as above but without gold decorator markings. Same basic colors.

	Packed 2000 per case
50,000 up.....	\$14.00 per 1,000
49,000-9,999.....	15.00 per 1,000
1 case-9,999.....	16.00 per 1,000



JIFFY-POTS

PRICES

EASTERN STATES*

*WESTERN STATES: Add 5% to prices on shipments into Ariz., Alaska, Calif., Hawaii, Idaho, Nev., Oreg., Utah, and Wash. Eastern prices apply to all other states.

SOLD IN CASE LOTS ONLY.

Prices prepaid in lots of 5 cartons or more anywhere in the Continental United States, excluding Alaska and Hawaii.

Mod. No.	Top Diam. and shape	Depth of pot	Lbs. Pots		Price Per 1000 Pots		
			per Case	per Case	1-9 Cases	10-24 Cases	25 Up Cases
122	2 1/4" Round	2 1/4"	37	3000	\$7.50	\$7.00	\$6.50
222	2 1/4" Square	2 1/4"	37	2500	8.10	7.60	7.00
130	3" Round	3"	37	1500	13.30	12.30	11.30
230	3" Square	3"	40	1000	15.50	14.50	13.50

BIRD BANDS Per 1,000 (Sold in case lots only)

	1½x 1½x2½	1¾x 1¾x2½	2x2x2½	2x2x3	2½x 2½x3	3x3x3	4x4x3	4x4x4
VITA BAND 10.....	\$4.80	\$5.15	\$5.40	\$5.90	\$6.40	\$7.10	\$9.20	\$11.45
VITA BAND D.....	4.95	5.30	5.50	6.20	6.45	7.25	9.45	11.80
VITA BAND H.....		6.25	6.60	7.75	8.30	8.70	10.70	13.10
QUANTITY PER CASE.....	2000	2000	2000	2000	2000	1000	1000	500

BIRD POTS Per 1,000 (Sold in case lots only)

	2"	2¼"	2½"	3"	3½"	4"	5"
VITA POTS.....	\$16.05	\$16.45	\$17.05	\$19.15		\$28.25	\$36.75
RED POTS.....	9.00	9.00	9.10	9.60	\$12.80	15.50	19.00
QUANTITY PER CASE.....	1000	1000	1000	1000	1000	500	500

BIRD PERENNIAL POTS (Light Weight) (Sold in case lots only)

	Height	Top Diameter	Bottom Diameter	Quantity per Case	Price per 1,000
Mum pan.....	5"	8"	7"	200	\$65.00
Small perennials.....	5½"	5"	4"	200	47.50
Large perennials.....	6½"	6"	4½"	200	58.50
Roses, peonies, and shrubs.....	9½"	7"	5½"	200	69.00

BIRD GROW TAINERS

Size	Pack	Per 1,000
No. 2—7⅞" x 5¼" x 2⅝"	200	\$48.00
No. 3—8½" x 6¾" x 2⅝"	200	62.00
No. 4—9⅝" x 7⅝" x 2⅝"	200	72.00

PETERS
SOLUBLE FERTILIZERS
(SEQUESTERED—CHELATED)

Packed in 25 Lb. Bags Only

Freight prepaid to any State except Alaska and Hawaii on 300 lbs. or more.

West of the Mississippi add 3 cents per lb. in 300 lb. lots and over.

	1-3 Bags Each	100-975 Lbs. Per Lb.	1,000-1,975 Lbs. Per Lb.	2,000 Lbs. Up Per Lb.
15-15-15 (Geranium).....	\$6.75	\$.23	\$.22	\$.21
20- 5-30 (Potash Special).....	6.75	.23	.22	.21
16- 4-12 (Easter Lily Special).....	6.75	.23	.22	.21
25-10-10 (Maryland Special).....	6.75	.23	.22	.21
20-20-20 (General Purpose).....	7.25	.25	.24	.23
25- 5-20 (Carnation Special).....	7.25	.25	.24	.23
<hr/>				
	1 Lb. Each	5 Lbs. Per Lb.	10 Lbs. Per Lb.	20 Lbs. Per Lb.
Sequestrene 12% Chelated Iron.....	\$3.00	\$1.75	\$1.60	\$1.50
Sequestrene 12% Chelated Manganese.....	3.00	2.00	1.85	1.75
<hr/>				
	1-3 Bags Each	100-975 Lbs. Per Lb.	1,000-1,975 Lbs. Per Lb.	2,000 Lbs. Up Per Lb.
13-6-6—Organic Special (Non Soluble)—Excellent for pot plant feeding. Combines the best features of highest grade natural organics and uramite nitro- gen.....	\$7.75	\$.29	\$.27	\$.25

DU PONT URAMITE (38% N)

Available in 50 Lb. Bags Only.

1-9 Bags.....Each **\$12.00** 10-39 Bags.....Each **\$11.50**

ELECTRA (5-10-3)

A highly organic fertilizer designed especially for florists. Contains major, minor and trace elements needed for plant growth.

Price: 80 lbs.....**\$6.00**

HIDROPON

10% Nitrogen—12% Phos. Acid—25% Potash

A most unusual combination of many soluble plant foods. Trace elements mostly chelates and other products added but not claimed.

Price: 25 lbs.....**\$8.00** 50 lbs.....**\$12.00** 100 lbs.....**\$20.00**

LIQUID "M" POWDERED

17% Nitrogen—24% Phos. Acid—18% Potash

Trace elements mostly as chelates and other products added but not claimed.

Price: 25 lbs.....**\$8.00** 50 lbs.....**\$12.00** 100 lbs.....**\$20.00**

PANO-DRENCH 4

EFFECTIVE FOR THE CONTROL OF DAMPING-OFF

An excellent liquid soil drench used to control damping-off caused by soil borne fungi (especially Rhizoctonia) on flowers and vegetables. For use in all soils, sands; on flats, pots, benches and outside beds. Just one to two teaspoons diluted with 3 gallons of water produces effective control. A 4 oz. bottle makes up to 72 gallons of drench—treats 300-400 sq. ft.

Price: 1 oz.....**\$1.95** 4 oz.....**\$5.95** 16 oz.....**\$19.20**

ROOTONE

A plant hormone powder for rooting cuttings and increasing root growth.

2 oz. **\$1.00** 1 lb. **\$5.00**

HORMODIN

No. 1 (Soft Cuttings).....1 lb. **\$4.80**
 No. 2 (Shrubs).....½ lb. **4.80**
 No. 3 (Azalea—Evergreens)....½ lb. **7.00**

CUTSTART (Rooting Compound)

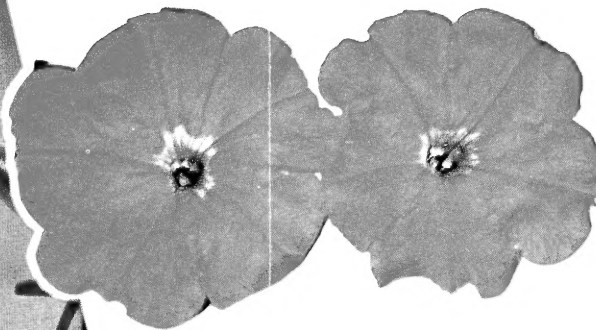
X—For geraniums—fuchsia, african violet, etc.....1 lb. jars **\$4.00**
 XX—For carnations—mums, etc.....1 lb. jars **4.00**



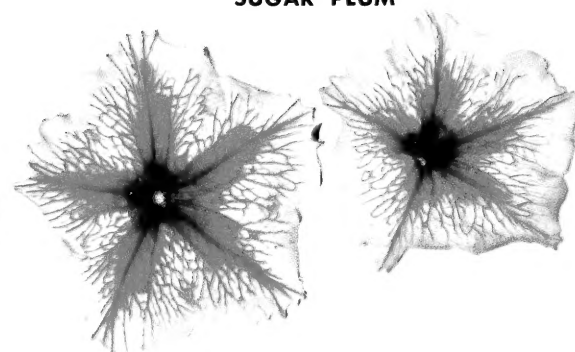
SATELLITE



CHEROKEE



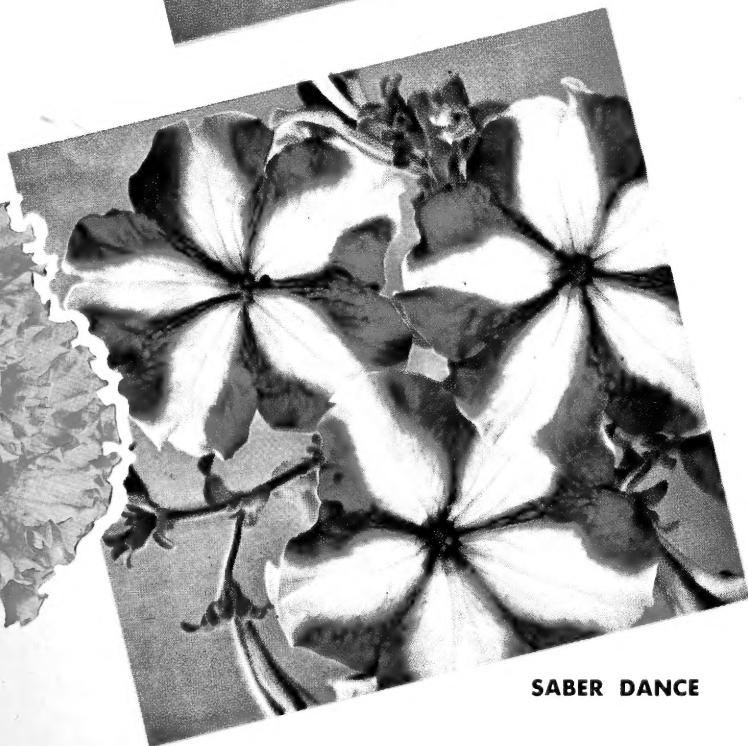
SUGAR PLUM



CORAL SATIN



SABER DANCE



LYRIC



Gloeckner

seeds, bulbs, plants and cuttings are selected with diligent care as to type, productiveness and freedom from disease so that you may have the best with which to build your prospective crops. Our interest in you and your crops by no means ends with the sale. We are more than anxious to have the materials we sell, grow and prove profitable to you.

WARRANTY AND LIMITATION OF LIABILITY: Subject to the limitations of liability herein set forth, we warrant that the seeds or bulbs sold are as described on the container, within recognized tolerances. Our liability on this warranty is limited in amount to the purchase price of the seeds or bulbs. In no event shall we be liable for the crop, or for any loss due to the failure, impairment or quality thereof or varietal variance therein, whether such loss results from breach of the foregoing warranty, from breach of any other provision of the buyer's contract for purchase of said seeds or bulbs, or from any other cause.

BUSINESS TERMS:

ON OPEN ACCOUNT: (Seeds Only). For customers of Approved Credit 60 Days Net. The following discounts will be allowed on orders paid within 10 days: \$5.00 to \$25.00 2%—\$25.00 to \$100.00 5%—\$100.00 to \$300.00 8%—\$300.00 or more 10%.

CASH OR C.O.D. ORDERS: (Seeds Only). Under \$10.00 net—\$10.00 to \$25.00 5%—\$25.00 to \$100.00 8%—\$100.00 to \$300.00 10%—\$300.00 or over 12%.

Prices in this catalog are subject to change without notice . . .

All goods are offered subject to Crop Failures, Shortages or other causes beyond our control, and to being unsold on receipt of order. . . . The prices in this catalog are for the trade only. For your own protection do not loan this catalog to anyone not entitled to Florist or Wholesale prices. . . . Unknown correspondents desiring to open an account are requested to furnish three trade references with whom they have had credit relations.



Fred C.
Gloeckner
&
Company, Incorporated

15 EAST 26th STREET
NEW YORK 10, NEW YORK

Telephone ORegon 9-6460 - 6461

CABLE ADDRESS—"GLOECKNERS"

TWX—NY—1-2205

Gloekner

1961

FLOWER SEEDS • CARNATION
AND CHRYSANTHEMUM MANUALS

FLOWER SEEDS

FLOWER SEEDS

FLOWER SEEDS

FLOWER SEEDS

FLOWER SEEDS